

Oracle® Banking Retail Lending Servicing Cloud Services Integration Guide



Innovation Release 14.8.2.0.0

G53488-02

April 2026

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Purpose

This guide describes the APIs that are configured in Oracle Banking Retail Lending Servicing Cloud Services through Oracle Banking Routing Hub Module.

Audience

This guide is primarily intended for the following user / user roles:

Table Audience

Role	Function
Implementation and IT Staff	Implementation and maintenance of the software.

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Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Acronyms and Abbreviations

The following acronyms and abbreviations are used in this guide:

Table Acronyms

Abbreviation	Description
API	Application Programming Interface
EOD	End of Day
ELCM	Enterprise Limits and Collateral Management
OBRL	Oracle Banking Retail Lending Servicing
OBPM	Oracle Banking Party Management
OBC	Oracle Banking Collections
OBOL	Oracle Banking Operational Ledger

1

Enterprise Limits and Collateral Management Implementation

This topic provides the information about APIs configured using Oracle Banking Routing Hub.

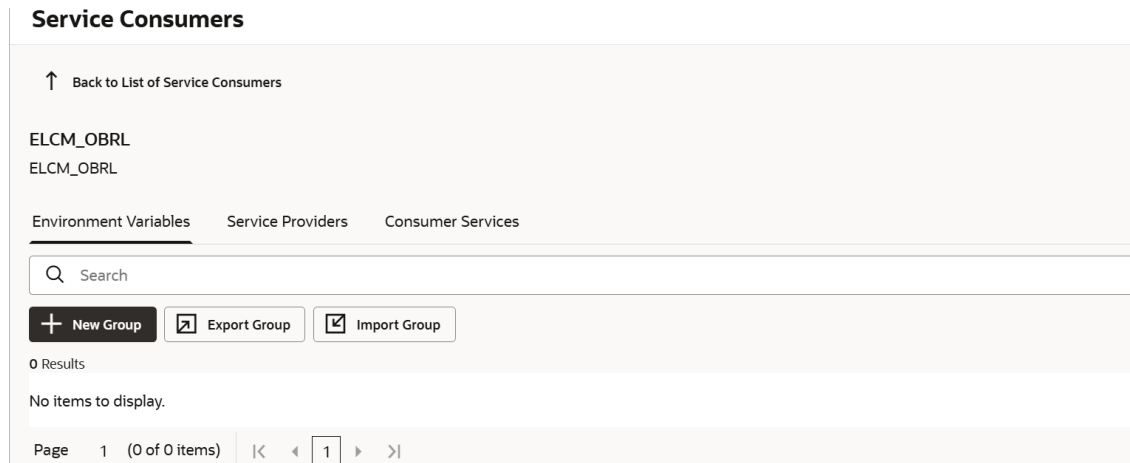
- [Utilization / De-utilization](#)
This topic provides the information about the utilization / de-utilization service consumers for collateral and limits that are added to configure ELCM.
- [Enterprise Limits and Collateral Management Bulk Utilization Update](#)
This topic provides the information about the bulk utilization service providers that are added to configure ELCM.

1.1 Utilization / De-utilization

This topic provides the information about the utilization / de-utilization service consumers for collateral and limits that are added to configure ELCM.

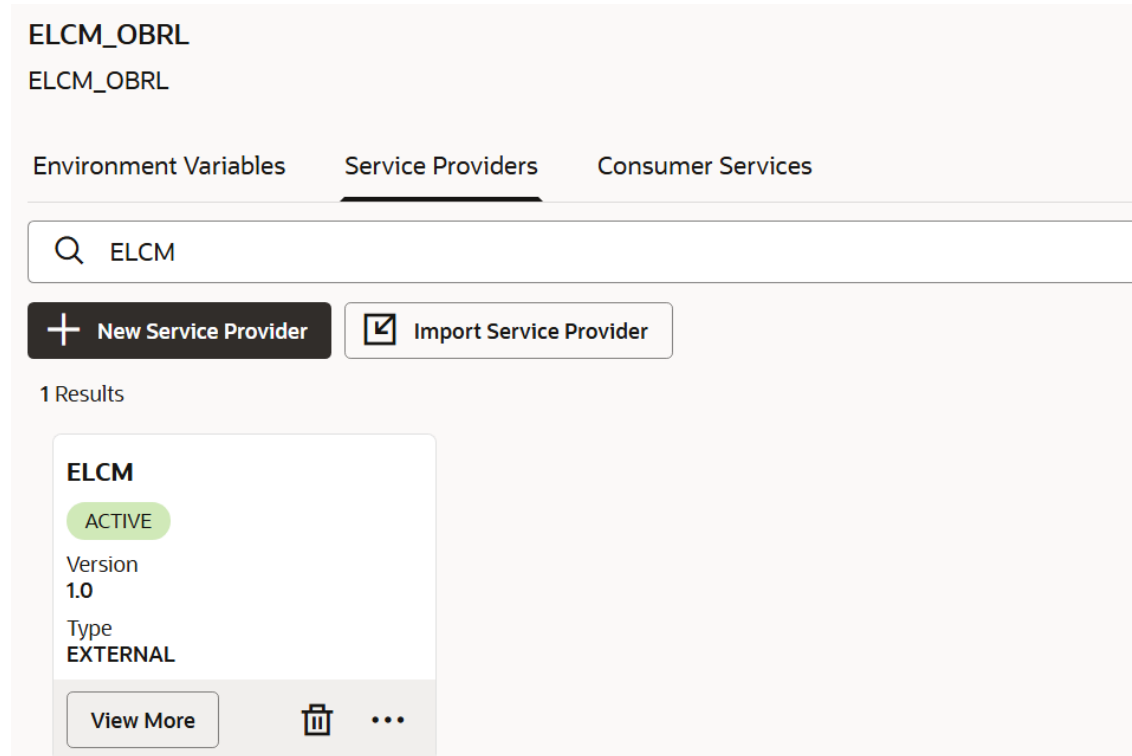
The **Service Consumers** for **OBRL** are as displayed below.

Figure 1-1 Service Consumers



The **ELCM Service Providers** for **OBRL** are as displayed below.

Figure 1-2 ELCM Service Providers

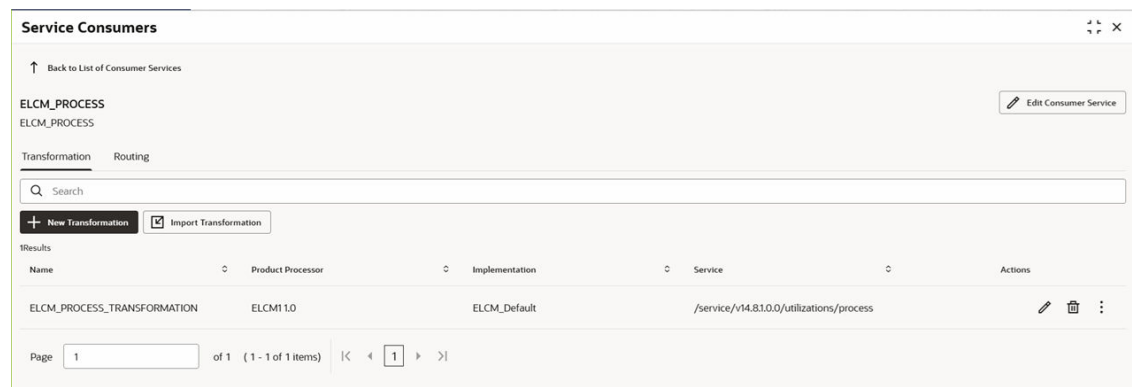


The following four endpoints are required for consumer services to be configured in Oracle Banking Routing Hub:

- obelcm-collaterals-utilization-services/service/v14.8.1.0.0/blocks/process (blockWithVersion)
- obelcm-collaterals-utilization-services/service/v14.8.1.0.0/utilizations/process (utilization)
- obelcm-limits-utilization-services/service/v14.8.1.0.0/utilizations/process (Utilization/Deutilization/Reverse/Liquidate)
- obelcm-limits-utilization-services/service/v14.8.1.0.0/utilizations/event-reverse (Ereverse)

The **Consumer Services** for **OBRL** are as displayed below.

Figure 1-3 Consumer Services



- [Block/Unblock Collateral – Request/Response](#)
This topic describes about the sample request / response for the consumer service **Block/Unblock Collateral**.
- [Utilization / De-utilization Collateral - Request / Response](#)
This topic describes about the sample request / response for the consumer service Collateral **Utilization / De-utilization**.
- [Utilization / De-utilization Limit- Request / Response](#)
This topic describes about the sample request / response for the consumer service Limit Utilization/Deutilization/Reverse/Liquidate.
- [Event Reverse Limit – Request / Response](#)
This topic describes about the sample request / response for the consumer service Limit Ereverse.

1.1.1 Block/Unblock Collateral – Request/Response

This topic describes about the sample request / response for the consumer service **Block/Unblock Collateral**.

Request/Response

SERVICE-CONSUMER = "ELCM_OBRL"

SERVICE-CONSUMER-SERVICE=" ELCM_PROCESS"

Request

```
{
  "headers" : {
    "branchCode" : "B01",
    "appId" : "OBELCMCOLLAT",
    "entityId" : "DEFAULTENTITY",
    "source" : "OBRL",
    "userId" : "OBELCMUSER7",
    "Content-Type" : "application/json"
  },
  "body" : {
    "blockLogs" : [ {
      "customerNo" : "CUST0116",
      "action" : "NEW",
      "blkAmt" : 85000,
      "blkCcy" : "USD",
      "liabNo" : "LIB0116",
      "limitType" : "C",
      "collateralCode" : "COLL0116",
      "collateralType" : "General",
      "amtTag" : "PRINCIPAL",
      "source" : "OBRL",
      "defaultLiab" : "D"
    } ],
    "blkBrn" : "B01"
  },
  "httpMethod" : "POST",
  "url" : "http://ofss-
mum-5426.snbonprshared2.gbucdsint02bom.oraclevcn.com:8031/obelcm-collaterals-
```

```
utilization-services/service/v14.8.1.0.0/blocks/process"
}
```

Response

```
{
  "headers" : {
    "Transfer-Encoding" : [ "chunked" ],
    "Access-Control-Allow-Origin" : [ "" ],
    "Access-Control-Allow-Credentials" : [ "true" ],
    "Access-Control-Allow-Methods" : [ "GET, POST, PUT, DELETE, OPTIONS,
HEAD, PATCH" ],
    "X-ORACLE-DMS-ECID" : [ "7844196e-d2d2-434d-b9c7-a87818b2c7d1-00033e6d" ],
    "HttpStatusCode" : 201,
    "msgId" : [ "" ],
    "X-ORACLE-DMS-RID" : [ "0" ],
    "Access-Control-Allow-Headers" : [ "" ],
    "Date" : [ "Tue, 19 Aug 2025 10:37:57 GMT" ],
    "Content-Type" : [ "application/json" ],
    "Location" : [ "http://ofss-
mum-5426.snbonprshared2.gbucdsint02bom.oraclevcn.com:8031/obelcm-collaterals-
utilization-services/service/v14.8.1.0.0/blocks/process/query/blkRefNo/" ]
  },
  "body" : {
    "data" : {
      "requestProfile" : {
        "action" : "NEW",
        "mdcContext" : {
          "traceId" : "4af30ae7e7c8e147",
          "spanId" : "4af30ae7e7c8e147",
          "logFileName" : "OBELCMUSER7-BLOCKS-1407312629304528896"
        },
        "applicationDate" : "2021-04-16T00:00:00.000+00:00",
        "debugEnabled" : false,
        "functionId" : "GCDBLCKS",
        "messageStatus" : "SUCCESS",
        "operation" : "CreateBlock",
        "service" : "ECBlockService",
        "source" : "OBRL",
        "transactionId" : "1407312629547798528",
        "userBranch" : "B01",
        "userId" : "OBELCMUSER7",
        "userLanguage" : "ENG",
        "channel" : "REST",
        "autoAuth" : "Y",
        "deploymentMode" : "C",
        "elcmGlobalTracking" : "N",
        "notifydebugEnabled" : false,
        "modifiedInKernel" : false,
        "modifiedInCluster" : false,
        "modifiedInCustom" : false,
        "modifiedInChild" : false,
        "messages" : [ {
          "code" : "ST-SAVE-001",
          "description" : "Request Successfully Processed",

```

```

        "substitutions" : null,
        "type" : "I"
    }, {
        "code" : "ST-SAVE-001",
        "description" : "Request Successfully Processed",
        "substitutions" : null,
        "type" : "I"
    } ],
    "elcmReplication" : "N",
    "ovdAccepted" : false,
    "allRecordsProcessed" : true,
    "setUpMode" : "E",
    "bulkUpload" : "N",
    "asyncMode" : "S",
    "callingSys" : "FCELCM",
    "sequence" : 0,
    "multiAuthStatus" : false,
    "initMainDone" : false,
    "alreadyInserted" : false,
    "postUploadStatus" : "N",
    "uniqueCheck" : false,
    "seqNo" : "1",
    "systemUtilization" : false,
    "messageType" : "I",
    "fixedAmt" : false
},
"authStat" : "A",
"action" : "NEW",
"authDtStamp" : "2021-04-16T00:00:00.000+00:00",
"authId" : "OBELCMUSER7",
"inputUserId" : "OBELCMUSER7",
"inputDtStamp" : "2021-04-16T00:00:00.000+00:00",
"versionNo" : 1,
"blkBrn" : "B01",
"keyId" : "GETB_BLOCKS~BLK_REF_NO",
"blockLogs" : [ {
    "changeBlkAmt" : 85000,
    "changeLimitId" : null,
    "transactionId" : null,
    "requestProfile" : {
        "action" : "NEW",
        "mdcContext" : {
            "traceId" : "4af30ae7e7c8e147",
            "spanId" : "4af30ae7e7c8e147",
            "logFileName" : "OBELCMUSER7-BLOCKS-1407312629304528896"
        }
    }
},
"applicationDate" : "2021-04-16T00:00:00.000+00:00",
"debugEnabled" : false,
"functionId" : "GCDBLCKS",
"messageStatus" : "SUCCESS",
"operation" : "CreateBlock",
"service" : "ECBlockService",
"source" : "OBRL",
"transactionId" : "1407312629547798528",
"userBranch" : "B01",
"userId" : "OBELCMUSER7",

```

```

"userLanguage" : "ENG",
"channel" : "REST",
"autoAuth" : "Y",
"deploymentMode" : "C",
"elcmGlobalTracking" : "N",
"notifydebugEnabled" : false,
"modifiedInKernel" : false,
"modifiedInCluster" : false,
"modifiedInCustom" : false,
"modifiedInChild" : false,
"messages" : [ {
  "code" : "ST-SAVE-001",
  "description" : "Request Successfully Processed",
  "substitutions" : null,
  "type" : "I"
}, {
  "code" : "ST-SAVE-001",
  "description" : "Request Successfully Processed",
  "substitutions" : null,
  "type" : "I"
} ],
"elcmReplication" : "N",
"ovdAccepted" : false,
"allRecordsProcessed" : true,
"setUpMode" : "E",
"bulkUpload" : "N",
"asyncMode" : "S",
"callingSys" : "FCELCM",
"sequence" : 0,
"multiAuthStatus" : false,
"initMainDone" : false,
"alreadyInserted" : false,
"postUploadStatus" : "N",
"uniqueCheck" : false,
"seqNo" : "1",
"systemUtilization" : false,
"messageType" : "I",
"fixedAmt" : false
},
"version" : 0,
"unColl" : 0,
"changeLimitCcy" : null,
"changeLimitBlock" : null,
"changeLimitExchRate" : null,
"changeLiabId" : null,
"changeLiabCcy" : null,
"changeLiabBlock" : null,
"changeLiabExchRate" : null,
"relSerialNo" : null,
"statistics" : "",
"action" : "NEW",
"serialNo" : null,
"blockId" : "1407312632618029056",
"customerNo" : "CUST0116",
"liabId" : "1407312143918698496",
"mainId" : null,

```

```
"processNo" : null,
"transDate" : "2021-04-16T00:00:00.000+00:00",
"blkAmt" : 85000,
"blkCcy" : "USD",
"blkBrn" : "B01",
"blkPrd" : "UTIL",
"tenorBasis" : "N",
"product" : null,
"tenor" : 0,
"maturityDate" : null,
"maturedAmt" : 0,
"matured" : "N",
"amtTag" : "PRINCIPAL",
"module" : null,
"valueDate" : "2021-04-16T00:00:00.000+00:00",
"source" : "OBRL",
"txnId" : "1407312629547798528",
"txnPercent" : 0,
"lastNewBlockdate" : null,
"uncollectedAmount" : null,
"tankedBlock" : null,
"amountBlockedToday" : null,
"amountReinstatedToday" : null,
"revolvingAmount" : null,
"liabilityId" : null,
"liability" : null,
"lineCurrency" : null,
"revolvingLine" : null,
"lineStartDate" : null,
"lineExpiryDate" : null,
"availabilityFlag" : null,
"internalRemarks" : null,
"limitAmount" : null,
"collateralAmount" : null,
"uncollectedFundsLimit" : null,
"reportingAmount" : null,
"availableAmount" : null,
"dateOfFirstOrder" : null,
"dateOfLastOrder" : null,
"excessTenor" : null,
"liabilityBranch" : null,
"collateralPct" : null,
"nettingRequired" : null,
"txnStatus" : "S",
"blkRefNo" : "MTQwNzMxMjYzMDE3Mjc0OTgyNA",
"blkStat" : "A",
"authStat" : "A",
"versionNo" : 1,
"inputUserId" : "OBELCMUSER7",
"inputDtStamp" : "2021-04-16T00:00:00.000+00:00",
"authId" : "OBELCMUSER7",
"authDtStamp" : "2021-04-16T00:00:00.000+00:00",
"deleteStatus" : null,
"liabCcy" : null,
"liabBranch" : "B01",
"liabBlock" : 0,
```

```
"liabExchRate" : null,  
"multiAuth" : "N",  
"vdUpdate" : "N",  
"exposureTracking" : null,  
"collateralCode" : "COLL0116",  
"collateralType" : "General",  
"liabNo" : "LIB0116",  
"lineCd" : null,  
"lineSerial" : null,  
"isAccount" : null,  
"ignoreOverrides" : "N",  
"simulation" : null,  
"limitType" : "C",  
"limitId" : "1407312249254449152",  
"limitCcy" : "USD",  
"limitUpdate" : null,  
"limitBlock" : 85000,  
"limitExchRate" : 1,  
"limitCcyUncoll" : 0,  
"limitCcyMatured" : 0,  
"poolCode" : null,  
"blockRefNo" : null,  
"txninitDate" : null,  
"txnInitDate" : "2021-04-16T00:00:00.000+00:00",  
"utilUpdate" : null,  
"eventCode" : null,  
"collPoolCode" : null,  
"collPoolId" : null,  
"eventSlNo" : null,  
"expsoureBlockNo" : null,  
"extRefno" : null,  
"txnRefNo" : null,  
"shadowLimit" : "N",  
"forceAuth" : "N",  
"unadvised" : null,  
"onceAuthorized" : true,  
"recordStatus" : "O",  
"endOfInput" : null,  
"autoAuth" : "Y",  
"offsetHr" : 0,  
"offsetMin" : 0,  
"considerAsRevolving" : "N",  
"dataMigration" : "N",  
"isSelected" : null,  
"remarks" : null,  
"bookDate" : null,  
"securityId" : null,  
"untis" : null,  
"liabRevalExchRate" : null,  
"changeExpId1" : null,  
"changeExpCcy1" : null,  
"cahngeExpBlk1" : null,  
"changeExpExchgRate1" : null,  
"changeExpId2" : null,  
"changeExpCcy2" : null,  
"changeExpBlk2" : null,
```

```
"changeExpExchgRate2" : null,  
"changeExpId3" : null,  
"changeExpCcy3" : null,  
"changeExpBlk3" : null,  
"changeExpExchgRate3" : null,  
"changeExpId4" : null,  
"changeExpCcy4" : null,  
"changeExpBlk4" : null,  
"changeExpExchgRate4" : null,  
"changeExpId5" : null,  
"changeExpCcy5" : null,  
"changeExpBlk5" : null,  
"changeExpExchgRate5" : null,  
"evenCode" : null,  
"exposureBlockNo" : null,  
"isSimulation" : "N",  
"mainLineId" : null,  
"ismergeOperation" : "N",  
"maturedBlock" : null,  
"collateralContribution" : null,  
"currencyRestriction" : null,  
"revalLimit" : null,  
"revalLiab" : null,  
"commitmentBranch" : null,  
"limitAmountBasis" : null,  
"transferAmount" : null,  
"displayEffictiveLineAmount" : null,  
"blockAmount" : null,  
"userDefinedStatus" : null,  
"funded" : null,  
"availmentdate" : null,  
"exceptxnAmt" : null,  
"exceptBreach" : null,  
"tankedUtilization" : null,  
"nettingAmount" : null,  
"category" : null,  
"tenorRestrictionType" : null,  
"customerRestrictionType" : null,  
"currencyRestrictionType" : null,  
"productRestrictionType" : null,  
"branchRestrictionType" : null,  
"extSystemRestrictionType" : null,  
"errorParam" : null,  
"error" : null,  
"uploadDate" : null,  
"fileName" : null,  
"userRefno" : null,  
"conversionDate" : null,  
"approvedLimitAmount" : null,  
"description" : null,  
"statusChageddate" : null,  
"scheduledProcessedDate" : null,  
"dayLightLimit" : null,  
"expRestType" : null,  
"interestCalcAcc" : null,  
"interestReqd" : null,
```

```
"bulkPaymentRequired" : null,
"liabilityys" : [ ],
"liabCustDto" : null,
"collateralsDetails" : {
  "authorizationStatus" : null,
  "id" : "1407312249254449152",
  "modificationNumber" : null,
  "blkAmt" : 85000,
  "makerId" : null,
  "checkerId" : null,
  "onceAuthorized" : false,
  "recordStatus" : null,
  "checkedOn" : null,
  "madeOn" : null,
  "commitmentBranch" : null,
  "commitmentSettlAcc" : null,
  "commitmentSettlBrn" : null,
  "commitmentRefNo" : null,
  "commitmentProduct" : null,
  "available" : "Y",
  "branchCode" : "B01",
  "autoPoolCreate" : "N",
  "sharingReq" : "N",
  "udfValue2" : null,
  "udfValue1" : null,
  "userRefno" : null,
  "source" : null,
  "onceAuth" : null,
  "checkerDtStamp" : null,
  "makerDtStamp" : null,
  "modNo" : 1,
  "authStat" : null,
  "recordStat" : null,
  "conversionDate" : null,
  "processNo" : 0,
  "liabBranch" : "B01",
  "tangible" : null,
  "graceDays" : null,
  "revokedate" : null,
  "revokeable" : null,
  "rating" : null,
  "guarantorId" : null,
  "secured" : "S",
  "issuerRefNo" : null,
  "issuerName" : null,
  "limitCcyAmt" : null,
  "revalCollat" : null,
  "revalDate" : null,
  "chargeType" : "LIEN",
  "nextRevalDate" : null,
  "lastRevalPrice" : null,
  "priceCode" : null,
  "capAmount" : null,
  "numberOfUnits" : null,
  "securityId" : null,
  "collateralType" : "GENERAL",
```

```

    "reviewDate" : null,
    "endDate" : null,
    "startDate" : "2021-04-16T00:00:00.000+00:00",
    "limitContribution" : 90000,
    "lendableMargin" : 90,
    "haircut" : 10,
    "collateralValue" : 100000,
    "collateralCurrency" : "USD",
    "categoryId" : "1387303692245274624",
    "collateralDescription" : "COLL0116",
    "collateralCode" : "COLL0116",
    "liabId" : "1407312143918698496",
    "contractRefNo" : null,
    "contractSourceRefNo" : null,
    "mortgageInitiated" : "N",
    "interestRate" : null,
    "utilAmt" : 0,
    "blockAmount" : 0,
    "availableAmount" : 5000,
    "status" : "A",
    "maturedUtil" : 0,
    "extRestType" : "D",
    "tankedUtil" : 0,
    "getmCollatExtSysRestCollection" : null
  },
  "collateralsPoolDetails" : null,
  "liabilityDetails" : [ {
    "id" : "1407312143918698496",
    "blockAmount" : null,
    "liabNo" : "LIB0116",
    "liabName" : "LIB0116",
    "liabBranch" : "B01",
    "liabCcy" : "USD",
    "utilAmt" : null,
    "revisionDate" : null,
    "creditRating" : null,
    "overallScore" : null,
    "userDefineStatus" : null,
    "overallLimit" : 0.0,
    "unadvised" : "N",
    "nettingRequired" : "N",
    "category" : null,
    "userRefno" : null,
    "mainLiabId" : null,
    "mainLiabNo" : null,
    "liabilityCustomerLinkage" : {
      "customerNo" : "CUST0116",
      "liabId" : "1407312143918698496",
      "branchCode" : "B01"
    }
  },
  "secCleanRiskLimit" : null,
  "secPstlRiskLimit" : null,
  "fxCleanRiskLimit" : null,
  "maker" : null,
  "makerstamp" : null,
  "checker" : null,

```

```

        "checkerstamp" : null,
        "modno" : 2,
        "txnstat" : null,
        "authstat" : null,
        "onceauth" : "Y",
        "source" : null,
        "processNo" : null,
        "conversionDate" : null,
        "tankedUtil" : null
    } ],
    "defaultLiab" : "D",
    "blkAddInfo1" : null,
    "blkAddInfo2" : null,
    "blkAddInfo3" : null,
    "blkAddInfo4" : null,
    "blkAddInfo5" : null,
    "gdaysNeeded" : "N"
} ]
},
"warnings" : [ ],
"authorizations" : null,
"paging" : "",
"errors" : [ ],
"informations" : [ {
    "informationCode" : "ST-SAVE-001",
    "informationMessage" : "Request Successfully Processed"
} ]
},
"httpMethod" : "POST",
"httpCode" : 201,
"url" : "http://ofss-
mum-5426.snbonprshared2.gbucdsint02bom.oraclevcn.com:8031/obelcm-collaterals-
utilization-services/service/v14.8.1.0.0/blocks/process"
}

```

1.1.2 Utilization / De-utilization Collateral - Request / Response

This topic describes about the sample request / response for the consumer service Collateral **Utilization / De-utilization**.

Request/Response

SERVICE-CONSUMER = "ELCM_OBRL"

SERVICE-CONSUMER-SERVICE=" ELCM_PROCESS"

Request

```

{
  "headers" : {
    "branchCode" : "000",
    "source" : "OBRL",
    "userId" : "TESTUSER1",
    "Content-Type" : "application/json"
  },
  "body" : {

```

```

"utilBrn" : "000",
"utilMasterExpDtoList" : [ ],
"utilMainLimits" : [ ],
"utilLogs" : [ {
"action" : "INCREASE",
"userRefNo" : "LNPZ010000022791",
"customerNo" : "000010235",
"utilCcy" : "USD",
"utilBrn" : "000",
"amtTag" : "PRINCIPAL",
"source" : "OBRL",
"collateralCode" : "GENLB10233",
"liabNo" : "P10235",
"limitType" : "C",
"limitCcy" : "USD",
"utilAmt" : 10047.0,
"utilPrd" : null,
"module" : null,
"liabCcy" : null,
"liabBranch" : null,
"eventCode" : "DSBR",
"eventSlNo" : 3,
"transDate" : "2024-11-08T00:00:00",
"valueDate" : "2024-11-08T00:00:00",
"defaultLiab" : "D"
} ]
},
"httpMethod" : "POST",
}

```

Response

```

{
"headers" : {
"content-length" : [ "2461" ],
"HttpResponseCode" : 200,
"connection" : [ "keep-alive" ],
"Date" : [ "Tue, 1 Apr 2025 11:35:14 GMT" ],
"Content-Type" : [ "application/json" ]
},
"body" : {
"data" : {
"action" : "NEW",
"authDtStamp" : "2024-11-08T11:35:14Z[UTC]",
"authId" : "TESTUSER1",
"authStat" : "A",
"inputDtStamp" : "2024-11-08T11:35:14Z[UTC]",
"inputUserId" : "TESTUSER1",
"keyId" : "~GCTB_UTILS~USER_REFNO",
"utilBrn" : "000",
"utilLogs" : [ {
"GDaysNeeded" : "N",
"action" : "NEW",
"amtTag" : "PRINCIPAL",
"authDtStamp" : "2024-11-08T11:35:14Z[UTC]",

```

```
"authId" : "TESTUSER1",
"authStat" : "A",
"autoAuth" : "Y",
"bookDate" : "2024-11-08T00:00:00Z[UTC]",
"changeUtilAmt" : 10047.0,
"collateralCode" : "GENLB10233",
"considerAsRevolving" : "N",
"customerNo" : "000010235",
"dataMigration" : "N",
"defaultLiab" : "D",
"endOfInput" : "N",
"eventCode" : "DSBR",
"eventSlNo" : 3,
"forceAuth" : "N",
"ignoreOverrides" : "N",
"inputDtStamp" : "2024-11-08T11:35:14Z[UTC]",
"inputUserId" : "TESTUSER1",
"isAccount" : "N",
"isSimulation" : "N",
"ismergeOperation" : "N",
"liabId" : 7261,
"liabNo" : "P10235",
"liabUtil" : 0,
"liabilityDetails" : [ {
  "authstat" : "A",
  "blockAmount" : 0,
  "evolvableHolder" : {
    "empty" : true,
    "typeIds" : [ ]
  },
  "id" : 7261,
  "liabBranch" : "505",
  "liabCcy" : "USD",
  "liabName" : "P10235",
  "liabNo" : "P10235",
  "liabilityCustomerLinkage" : {
    "branchCode" : "505",
    "customerNo" : "000010235",
    "evolvableHolder" : {
      "empty" : true,
      "typeIds" : [ ]
    },
    "id" : 1937,
    "liabCustExposureDtoList" : [ ],
    "liabId" : 7261
  },
  "liabilityExposuresList" : [ ],
  "modno" : 2,
  "nettingRequired" : "N",
  "onceauth" : "Y",
  "overallLimit" : 99999999,
  "processNo" : 1,
  "rootLiabId" : 7261,
  "tankedUtil" : 0,
  "unadvised" : "N",
  "utilAmt" : 0
}
```

```

} ],
"limitCcy" : "USD",
"limitCcyMatured" : 0,
"limitCcyUncoll" : 0,
"limitExchRate" : 1,
"limitId" : 8731,
"limitType" : "C",
"limitUtil" : 10047.0,
"matured" : "N",
"maturedAmt" : 0,
"module" : "GC",
"multiAuth" : "N",
"offsetHr" : 0,
"offsetMin" : 0,
"onceAuthorized" : false,
"processNo" : 1,
"recordStatus" : "O",
"shadowLimit" : "N",
"source" : "OBRL",
"stat" : "S",
"statistics" :
"After:LIMIT_TYPE:C:LIMIT_ID:8731:TXN_AMOUNT:10047.0:AVAILABLE_AMOUNT:null:AMO
UNT_UTILISED_TODAY:null:AMOUNT_REINSTATED_TODAY:null:UNCOLLECTED_AMOUNT:null:T
ANKED_UTIL:null:NETTING_AMOUNT:null:MATURED_UTIL:null:REVOLVING_AMT:null ",
"tenor" : 0,
"tenorBasis" : "N",
"transDate" : "2024-11-08T00:00:00Z[UTC]",
"txnId" : "1356592742563315712",
"txnInitDate" : "2024-11-08T00:00:00Z[UTC]",
"txnPercent" : 0,
"txnStatus" : "S",
"unColl" : 0,
"userRefNo" : "LNPZ010000022791",
"utilAmt" : 10047.0,
"utilBrn" : "000",
"utilCcy" : "USD",
"utilId" : "1356592742672367616",
"utilPrd" : "UTIL",
"utilStat" : "A",
"valueDate" : "2024-11-08T00:00:00Z[UTC]",
"vdUpdate" : "N",
"versionNo" : 1
} ],
"versionNo" : 1
},
"warnings" : [ ],
"paging" : "",
"errors" : [ ],
"informations" : [ {
"informationCode" : "ST-SAVE-027",
"informationMessage" : "Request Successfully Processed"
} ]
},
"httpMethod" : "POST",
"httpCode" : 200,
}

```

1.1.3 Utilization / De-utilization Limit- Request / Response

This topic describes about the sample request / response for the consumer service Limit Utilization/Deutilization/Reverse/Liquidate.

body.action in request for Utilization/Deutilization/Reverse/Liquidate has to be INCREASE/ DECREASE/REVERSE/ LIQUIDATE.

Request/Response

SERVICE-CONSUMER = "ELCM_OBRL"

SERVICE-CONSUMER-SERVICE= "ELCM_LIMIT_PROCESS"

Request

```
{
  "headers" : {
    "branchCode" : "B01",
    "appId" : "OBELCMLIMITUTIL",
    "entityId" : "DEFAULTENTITY",
    "source" : "OBRL",
    "userId" : "OBELCMUSER7",
    "Content-Type" : "application/json"
  },
  "body" : {
    "utilLogs" : [ {
      "action" : "INCREASE",
      "userRefNo" : "LNPZ01B010020473",
      "customerNo" : "000021591",
      "utilCcy" : "USD",
      "utilBrn" : "B01",
      "amtTag" : "PRINCIPAL",
      "source" : "OBRL",
      "liabNo" : "248333074",
      "limitType" : "F",
      "utilAmt" : 10000,
      "lineCd" : "L215910",
      "lineSerial" : 1,
      "module" : "LN",
      "utilPrd" : "PZ01",
      "eventCode" : "DSBR",
      "eventSlNo" : 3,
      "transDate" : "2021-04-20T00:00:00",
      "valueDate" : "2021-04-20T00:00:00",
      "defaultLiab" : "D"
    } ]
  },
  "httpMethod" : "POST",
  "url" : "http://ofss-
mum-5426.snbonprshared2.gbucdsint02bom.oraclevcn.com:8027/obelcm-limits-
utilization-services/service/v14.8.1.0.0/utilizations/process"
}
```

Response

```

{
  "headers" : {
    "Transfer-Encoding" : [ "chunked" ],
    "Access-Control-Allow-Origin" : [ "" ],
    "Access-Control-Allow-Methods" : [ "GET, POST, PUT, DELETE, OPTIONS,
HEAD, PATCH" ],
    "X-ORACLE-DMS-ECID" : [ "fla650f7-102c-4523-b1d1-8fa363a2ea7f-0000abe3" ],
    "HttpResponseCode" : 201,
    "msgId" : [ "" ],
    "source" : [ "OBRL" ],
    "multiTripId" : [ "" ],
    "X-ORACLE-DMS-RID" : [ "0" ],
    "Access-Control-Allow-Headers" : [ "" ],
    "Date" : [ "Wed, 11 Mar 2026 07:02:14 GMT" ],
    "Access-Control-Allow-Credentials" : [ "true" ],
    "Content-Type" : [ "application/json" ]
  },
  "body" : {
    "data" : {
      "utilBrn" : "B01",
      "authStat" : "A",
      "versionNo" : 1,
      "inputUserId" : "OBELCMUSER7",
      "inputDtStamp" : 1618876800000,
      "authId" : "OBELCMUSER7",
      "authDtStamp" : 1618876800000,
      "keyId" : "~GETB_UTILS~USER_REFNO",
      "action" : "NEW",
      "utilLogs" : [ {
        "action" : "NEW",
        "serialNo" : 14811854759147642881,
        "utilId" : "1481185475914764288",
        "customerNo" : "000021591",
        "liabId" : "1481184698886393856",
        "transDate" : 1618876800000,
        "utilAmt" : 10000,
        "utilCcy" : "USD",
        "utilBrn" : "B01",
        "utilPrd" : "PZ01",
        "unColl" : 0,
        "tenorBasis" : "N",
        "tenor" : 0,
        "maturedAmt" : 0,
        "matured" : "N",
        "amtTag" : "PRINCIPAL",
        "module" : "LN",
        "txnInitDate" : 1618876800000,
        "txninitDate" : 1618876800000,
        "valueDate" : 1618876800000,
        "source" : "OBRL",
        "txnId" : "2607007021493926070070214939",
        "userRefNo" : "LNPZ01B010020473",
        "utilStat" : "A",

```

```
"authStat" : "A",
"versionNo" : 1,
"inputUserId" : "OBELCMUSER7",
"inputDtStamp" : 1618876800000,
"authId" : "OBELCMUSER7",
"authDtStamp" : 1618876800000,
"liabCcy" : "USD",
"liabBranch" : "B01",
"liabUtil" : 10000,
"liabExchRate" : 1,
"multiAuth" : "N",
"vdUpdate" : "N",
"liabNo" : "248333074",
"lineCd" : "L215910",
"lineSerial" : 1,
"isAccount" : "N",
"ignoreOverrides" : "N",
"isSimulation" : "N",
"limitType" : "F",
"limitId" : "1481184827332759552",
"limitCcy" : "USD",
"limitUtil" : 10000,
"limitExchRate" : 1,
"limitCcyUncoll" : 0,
"limitCcyMatured" : 0,
"eventCode" : "DSBR",
"eventSlNo" : 3,
"changeUtilAmt" : 10000,
"dataMigration" : "N",
"shadowLimit" : "N",
"forceAuth" : "N",
"lineCode" : "L215910",
"ismergeOperation" : "N",
"revolvingLine" : "N",
"userRefno" : "LNPZ01B010020473",
"onceAuthorized" : false,
"autoAuth" : "Y",
"offsetHr" : 0,
"offsetMin" : 0,
"considerAsRevolving" : "N",
"utilLogExpDtoList" : [ ],
"defaultLiab" : "D",
"uncoll" : 0,
"facilitys" : [ ],
"txnStatus" : "S",
"txnPercent" : 0,
"liabilitys" : [ ],
"utilHistory" : {
  "version" : 0,
  "udfs" : [ ],
  "misdetails" : [ ],
  "utilHistoryExpDtoList" : [ ]
},
"valueDateUtilization" : { },
"tenorDetails" : [ ],
"mainLineTrnorDetail" : [ ],
```

```

"liabilityDetails" : [ {
  "modno" : 2,
  "authstat" : "A",
  "onceauth" : "Y",
  "version" : 0,
  "udfs" : [ ],
  "misdetails" : [ ],
  "id" : "1481184698886393856",
  "blockAmount" : 0,
  "liabNo" : "248333074",
  "liabName" : "248333074",
  "liabBranch" : "B01",
  "liabCcy" : "USD",
  "utilAmt" : 10000,
  "overallLimit" : 1000000,
  "unadvised" : "N",
  "nettingRequired" : "N",
  "rootLiabId" : "1481184698886393856",
  "liabilityCustomerLinkage" : {
    "version" : 0,
    "udfs" : [ ],
    "misdetails" : [ ],
    "id" : "1481185169252421632",
    "customerNo" : "000021591",
    "liabId" : "1481184698886393856",
    "branchCode" : "B01",
    "liabCustExposureDtoList" : [ ]
  },
  "tankedUtil" : 0,
  "liabilityScores" : [ ],
  "liabilityCreditRatings" : [ ]
} ],
"facilityDetails" : [ {
  "version" : 0,
  "udfs" : [ ],
  "misdetails" : [ ],
  "recordStatus" : "O",
  "rootLiabId" : "1481184698886393856",
  "liabilityId" : "1481184698886393856",
  "lineCode" : "L215910",
  "lineSerial" : 1,
  "ismergeOperation" : "N",
  "id" : "1481184827332759552",
  "authorizationStatus" : "A",
  "modificationNumber" : 1,
  "onceAuthorized" : false,
  "maturedUtil" : 0,
  "outUtAmount" : 10000,
  "osucAmount" : 10000,
  "committed" : "N",
  "nrsAvailable" : 0,
  "nrsFlag" : "N",
  "nrsAdjAmt" : 0,
  "collateralContribution" : 0,
  "lineCurrency" : "USD",
  "revolvingLine" : "N",

```

```

"lineStartDate" : 1618876800000,
"lastNewUtildate" : 1618876800000,
"availabilityFlag" : "Y",
"limitAmount" : 50000,
"availableAmount" : 40000,
"dateOfFirstOrder" : 1618876800000,
"dateOfLastOrder" : 1618876800000,
"amountUtilizedToday" : 10000,
"amountReinstatedToday" : 0,
"uncollectedAmount" : 0,
"utilization" : 10000,
"liabilityBranch" : "B01",
"branch" : "B01",
"limitAmountBasis" : "A",
"unadvised" : "N",
"transferAmount" : 0,
"displayEffictiveLineAmount" : 50000,
"blockAmount" : 0,
"tankedUtilization" : 0,
"nettingAmount" : 0,
"tenorRestrictionType" : "D",
"shadowLimit" : "N",
"dayLightLimit" : 0,
"revolvingAmount" : 0,
"facilityType" : "L",
"revalReqrd" : "N",
"rateAgrmntReqd" : "N",
"userDefinedStatusDTOList" : [ ],
"facilityExpRestrictionDTOList" : [ ],
"facilityScheduleDTOList" : [ ],
"facilityTenorDTOList" : [ ],
"facilityCustomerDTOList" : [ ],
"facilityBranchDTOList" : [ ],
"facilityProductDTOList" : [ ],
"facilityCurrencyDTOList" : [ ],
"facilityValueDateDTOList" : [ ],
"facilityChargeDTOList" : [ ],
"facilityCovenantDTOList" : [ ],
"facilityExposureDTOList" : [ ],
"facilityPoolLinkDTOList" : [ ],
"facilitySystemDTOList" : [ ],
"facilityUdeValueDTOList" : [ ],
"facilityMandateDTOList" : [ ],
"dayLightOdLimit" : 0,
"drawingPower" : 0,
"isFungibleLine" : "N",
"secured" : "N",
"fungibleAmtLended" : 0,
"fungibleAmtReceived" : 0,
"dualAuthDtoList" : [ ],
"earMarkingDto" : {
  "version" : 0,
  "udfs" : [ ],
  "misdetails" : [ ]
},
"liabilityDTO" : {

```

```

    "version" : 0,
    "udfs" : [ ],
    "misdetails" : [ ],
    "liabilityCustomerLinkage" : {
      "version" : 0,
      "udfs" : [ ],
      "misdetails" : [ ],
      "liabCustExposureDtoList" : [ ]
    },
    "liabilityScores" : [ ],
    "liabilityCreditRatings" : [ ],
    "liabilityExposuresList" : [ ]
  } ],
  "multiAuthDto" : [ ],
  "utilMainLimit" : [ ],
  "tenorDetail" : {
    "version" : 0,
    "udfs" : [ ],
    "misdetails" : [ ]
  },
  "stat" : "S",
  "gDaysNeeded" : "Y",
  "statistics" :
  "After:LIMIT_TYPE:F:LIMIT_ID:1481184827332759552:TXN_AMOUNT:10000:AVAILABLE_AM
OUNT:null:AMOUNT_UTILISED_TODAY:null:AMOUNT_REINSTATED_TODAY:null:UNCOLLECTED_
AMOUNT:null:TANKED_UTIL:null:NETTING_AMOUNT:null:MATURED_UTIL:null:REVOLVING_A
MT:null ",
    "gdaysNeeded" : "Y",
    "valueDateUtilizationDto" : { }
  } ],
  "utilMainLimits" : [ ],
  "utilMasterExpDtoList" : [ ]
},
"warnings" : [ ],
"paging" : "",
"errors" : [ ],
"informations" : [ {
  "informationCode" : "ST-SAVE-027",
  "informationMessage" : "Request Successfully Processed"
} ]
},
"httpMethod" : "POST",
"httpCode" : 201,
"url" : "http://ofss-
mum-5426.snbonprshared2.gbucdsint02bom.oraclevcn.com:8027/obelcm-limits-
utilization-services/service/v14.8.1.0.0/utilizations/process"
}

```

1.1.4 Event Reverse Limit – Request / Response

This topic describes about the sample request / response for the consumer service Limit Ereverse.

Request/Response

SERVICE-CONSUMER = "ELCM_OBRL"

SERVICE-CONSUMER-SERVICE=" ELCM_LIMIT_REVERSE_PROCESS".

Request

```
{
  "headers" : {
    "branchCode" : "B01",
    "appId" : "OBELCMLIMITUTIL",
    "entityId" : "DEFAULTENTITY",
    "source" : "OBRL",
    "userId" : "OBELCMUSER7",
    "Content-Type" : "application/json"
  },
  "body" : {
    "utilLogs" : [ {
      "action" : "EREVERSE",
      "userRefNo" : "LNPZ01B010021135",
      "customerNo" : "000021870",
      "utilCcy" : "USD",
      "utilBrn" : "B01",
      "amtTag" : "PRINCIPAL",
      "source" : "OBRL",
      "liabNo" : "LBT1004",
      "limitType" : "F",
      "utilAmt" : 10000,
      "lineCd" : "LCT1004",
      "lineSerial" : 1,
      "module" : "LN",
      "utilPrd" : "PZ01",
      "eventCode" : "DSBR",
      "eventSlNo" : 3,
      "transDate" : "2021-04-20T00:00:00",
      "valueDate" : "2021-04-20T00:00:00",
      "defaultLiab" : "D"
    } ]
  },
  "httpMethod" : "POST",
  "url" : "http://ofss-
mum-5426.snbonprshared2.gbucdsint02bom.oraclevcn.com:8027/obelcm-limits-
utilization-services/service/v14.8.1.0.0/utilizations/event-reverse"
}
```

Response

```

{
  "headers" : {
    "Transfer-Encoding" : [ "chunked" ],
    "Access-Control-Allow-Origin" : [ "" ],
    "Access-Control-Allow-Methods" : [ "GET, POST, PUT, DELETE, OPTIONS,
HEAD, PATCH" ],
    "X-ORACLE-DMS-ECID" : [ "5cd3127f-28f3-4f00-977a-7e7619a15509-000040aa" ],
    "HttpResponseCode" : 201,
    "msgId" : [ "" ],
    "source" : [ "OBRL" ],
    "multiTripId" : [ "" ],
    "X-ORACLE-DMS-RID" : [ "0" ],
    "Access-Control-Allow-Headers" : [ "" ],
    "Date" : [ "Fri, 13 Mar 2026 12:40:09 GMT" ],
    "Access-Control-Allow-Credentials" : [ "true" ],
    "Content-Type" : [ "application/json" ]
  },
  "body" : {
    "data" : {
      "utilBrn" : "B01",
      "authStat" : "A",
      "versionNo" : 2,
      "inputUserId" : "OBELCMUSER7",
      "inputDtStamp" : 1618876800000,
      "authId" : "OBELCMUSER7",
      "authDtStamp" : 1618876800000,
      "keyId" : "~GETB_UTILS~USER_REFNO",
      "action" : "EREVERSE",
      "utilLogs" : [ {
        "action" : "EREVERSE",
        "serialNo" : 14819945301492408322,
        "utilId" : "1481994530149240832",
        "customerNo" : "000021870",
        "liabId" : "1481993008627716096",
        "transDate" : 1618876800000,
        "utilAmt" : 0,
        "utilCcy" : "USD",
        "utilBrn" : "B01",
        "utilPrd" : "PZ01",
        "unColl" : 0,
        "tenorBasis" : "N",
        "tenor" : 0,
        "maturedAmt" : 0,
        "matured" : "N",
        "amtTag" : "PRINCIPAL",
        "module" : "LN",
        "txnInitDate" : 1618876800000,
        "txninitDate" : 1618876800000,
        "valueDate" : 1618876800000,
        "source" : "OBRL",
        "txnId" : "2607212400935926072124009359",
        "userRefNo" : "LNPZ01B010021135",
        "utilStat" : "A",

```

```
"authStat" : "A",
"versionNo" : 2,
"inputUserId" : "OBELCMUSER7",
"inputDtStamp" : 1618876800000,
"authId" : "OBELCMUSER7",
"authDtStamp" : 1618876800000,
"deleteStatus" : "D",
"liabCcy" : "USD",
"liabBranch" : "B01",
"liabUtil" : 0,
"multiAuth" : "N",
"vdUpdate" : "N",
"liabNo" : "LBT1004",
"lineCd" : "LCT1004",
"lineSerial" : 1,
"isAccount" : "N",
"ignoreOverrides" : "N",
"isSimulation" : "N",
"limitType" : "F",
"limitId" : "1481993553086124032",
"limitCcy" : "USD",
"limitUtil" : 0,
"limitExchRate" : 1,
"limitCcyUncoll" : 0,
"limitCcyMatured" : 0,
"eventCode" : "DSBR",
"eventSlNo" : 3,
"changeUtilAmt" : 0,
"dataMigration" : "N",
"shadowLimit" : "N",
"forceAuth" : "N",
"lineCode" : "LCT1004",
"ismergeOperation" : "N",
"revolvingLine" : "N",
"userRefno" : "LNPZ01B010021135",
"relSerialNo" : "~14819945301492408321",
"onceAuthorized" : false,
"autoAuth" : "Y",
"offsetHr" : 0,
"offsetMin" : 0,
"utilLogExpDtoList" : [ ],
"defaultLiab" : "D",
"uncoll" : 0,
"utilHistoryDto" : {
  "version" : 0,
  "udfs" : [ ],
  "misdetails" : [ ],
  "utilId" : "1481994530149240832",
  "customerNo" : "000021870",
  "liabId" : "1481993008627716096",
  "bookDate" : 1618876800000,
  "utilAmt" : 10000,
  "utilCcy" : "USD",
  "utilBrn" : "B01",
  "utilPrd" : "PZ01",
  "tenorBasis" : "N",
```

```

    "tenor" : 0,
    "maturityAmount" : 0,
    "matured" : "N",
    "amtTag" : "PRINCIPAL",
    "module" : "LN",
    "source" : "OBRL",
    "userRefNo" : "LNPZ01B010021135",
    "utilStat" : "A",
    "authStat" : "A",
    "versionNo" : 1,
    "inputUserId" : "OBELCMUSER7",
    "inputDtStamp" : 1618876800000,
    "authId" : "OBELCMUSER7",
    "authDtStamp" : 1618876800000,
    "liabCcy" : "USD",
    "liabBranch" : "B01",
    "liabUtil" : 10000,
    "liabRevalExchgRate" : 1,
    "limitType" : "F",
    "limitId" : "1481993553086124032",
    "limitCcy" : "USD",
    "limitUtil" : 10000,
    "limitCcyUnColl" : 0,
    "limitCcyMatured" : 0,
    "limitRevalExchgRate" : 1,
    "utilHistoryExpDtoList" : [ ]
  },
  "facilitys" : [ ],
  "txnPercent" : 0,
  "liabilitys" : [ ],
  "utilHistory" : {
    "version" : 0,
    "udfs" : [ ],
    "misdetails" : [ ],
    "utilHistoryExpDtoList" : [ ]
  },
  "valueDateUtilization" : { },
  "tenorDetails" : [ ],
  "mainLineTrnorDetail" : [ ],
  "liabilityDetails" : [ {
    "modno" : 2,
    "authstat" : "A",
    "onceauth" : "Y",
    "version" : 0,
    "udfs" : [ ],
    "misdetails" : [ ],
    "id" : "1481993008627716096",
    "blockAmount" : 0,
    "liabNo" : "LBT1004",
    "liabName" : "LBT1004",
    "liabBranch" : "B01",
    "liabCcy" : "USD",
    "utilAmt" : 0,
    "overallLimit" : 100000,
    "unadvised" : "N",
    "nettingRequired" : "N",

```

```

"rootLiabId" : "1481993008627716096",
"liabilityCustomerLinkage" : {
  "version" : 0,
  "udfs" : [ ],
  "misdetails" : [ ],
  "id" : "1481993112893919232",
  "customerNo" : "000021870",
  "liabId" : "1481993008627716096",
  "branchCode" : "B01",
  "liabCustExposureDtoList" : [ ]
},
"tankedUtil" : 0,
"liabilityScores" : [ ],
"liabilityCreditRatings" : [ ]
} ],
"facilityDetails" : [ {
  "version" : 0,
  "udfs" : [ ],
  "misdetails" : [ ],
  "recordStatus" : "O",
  "rootLiabId" : "1481993008627716096",
  "liabilityId" : "1481993008627716096",
  "lineCode" : "LCT1004",
  "lineSerial" : 1,
  "ismergeOperation" : "N",
  "id" : "1481993553086124032",
  "authorizationStatus" : "A",
  "modificationNumber" : 1,
  "onceAuthorized" : false,
  "maturedUtil" : 0,
  "outUtAmount" : 0,
  "osucAmount" : 0,
  "committed" : "N",
  "nrsAvailable" : 0,
  "nrsFlag" : "N",
  "nrsAdjAmt" : 0,
  "collateralContribution" : 0,
  "lineCurrency" : "USD",
  "revolvingLine" : "N",
  "lineStartDate" : 1618876800000,
  "availabilityFlag" : "Y",
  "limitAmount" : 100000,
  "availableAmount" : 100000,
  "amountUtilizedToday" : 0,
  "amountReinstatedToday" : 0,
  "uncollectedAmount" : 0,
  "utilization" : 0,
  "liabilityBranch" : "B01",
  "branch" : "B01",
  "limitAmountBasis" : "A",
  "unadvised" : "N",
  "transferAmount" : 0,
  "displayEffictiveLineAmount" : 100000,
  "blockAmount" : 0,
  "tankedUtilization" : 0,
  "nettingAmount" : 0,

```

```

"tenorRestrictionType" : "D",
"shadowLimit" : "N",
"dayLightLimit" : 0,
"revolvingAmount" : 0,
"facilityType" : "L",
"revalReqrd" : "N",
"rateAgrmntReqd" : "N",
"userDefinedStatusDTOList" : [ ],
"facilityExpRestrictionDTOList" : [ ],
"facilityScheduledTOList" : [ ],
"facilityTenorDTOList" : [ ],
"facilityCustomerDTOList" : [ ],
"facilityBranchDTOList" : [ ],
"facilityProductDTOList" : [ ],
"facilityCurrencyDTOList" : [ ],
"facilityValueDateDTOList" : [ ],
"facilityChargeDTOList" : [ ],
"facilityCovenantDTOList" : [ ],
"facilityExposureDTOList" : [ ],
"facilityPoolLinkDTOList" : [ ],
"facilitySystemDTOList" : [ ],
"facilityUdeValueDTOList" : [ ],
"facilityMandateDTOList" : [ ],
"dayLightOdLimit" : 0,
"drawingPower" : 0,
"isFungibleLine" : "N",
"secured" : "N",
"fungibleAmtLended" : 0,
"fungibleAmtReceived" : 0,
"dualAuthDtoList" : [ ],
"earMarkingDto" : {
  "version" : 0,
  "udfs" : [ ],
  "misdetails" : [ ]
},
"liabilityDTO" : {
  "version" : 0,
  "udfs" : [ ],
  "misdetails" : [ ],
  "liabilityCustomerLinkage" : {
    "version" : 0,
    "udfs" : [ ],
    "misdetails" : [ ],
    "liabCustExposureDtoList" : [ ]
  },
  "liabilityScores" : [ ],
  "liabilityCreditRatings" : [ ],
  "liabilityExposuresList" : [ ]
}
} ],
"multiAuthDto" : [ ],
"utilMainLimit" : [ ],
"tenorDetail" : {
  "version" : 0,
  "udfs" : [ ],
  "misdetails" : [ ]
}

```

```

    },
    "gDaysNeeded" : "Y",
    "statistics" :
    "After:LIMIT_TYPE:F:LIMIT_ID:1481993553086124032:TXN_AMOUNT:-10000:AVAILABLE_A
MOUNT:null:AMOUNT_UTILISED_TODAY:null:AMOUNT_REINSTATED_TODAY:null:UNCOLLECTED
_AMOUNT:null:TANKED_UTIL:null:NETTING_AMOUNT:null:MATURED_UTIL:null:REVOLVING_
AMT:null ",
    "gdaysNeeded" : "Y",
    "valueDateUtilizationDto" : { }
  } ],
  "utilMainLimits" : [ ],
  "utilMasterExpDtoList" : [ ]
},
"warnings" : [ ],
"paging" : "",
"errors" : [ ],
"informations" : [ {
  "informationCode" : "ST-SAVE-027",
  "informationMessage" : "Request Successfully Processed"
} ]
},
"httpMethod" : "POST",
"httpCode" : 201,
"url" : "http://ofss-
mum-5426.snbonprshared2.gbucdsint02bom.oraclevcn.com:8027/obelcm-limits-
utilization-services/service/v14.8.1.0.0/utilizations/event-reverse"
}

```

1.2 Enterprise Limits and Collateral Management Bulk Utilization Update

This topic provides the information about the bulk utilization service providers that are added to configure ELCM.

The **Service Consumers** for **OBRL** are as displayed below.

Figure 1-4 Service Consumers for collateral (ELCM_BULK_UPLOAD_SERVICE)

Name	Product Processor	Implementation	Service	Actions
ELCM_BULK_UPLOAD_TRANSFORMATION	ELCM110	ELCM_BULK_UPLOAD_SERVICE	/service/v14.8.1.0.0/uploadService/fileUpload	[Edit] [Delete] [More]

Figure 1-5 Limit (ELCM_LIMIT_FILE_UPLOAD)



Figure 1-6 Service Consumers

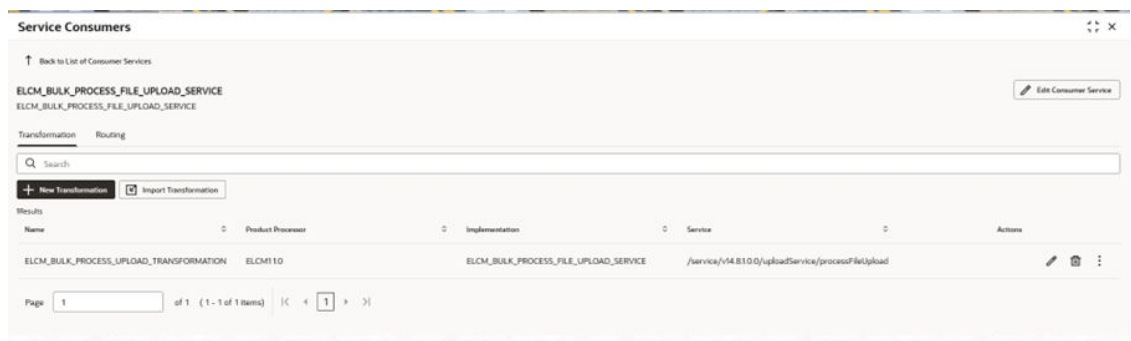
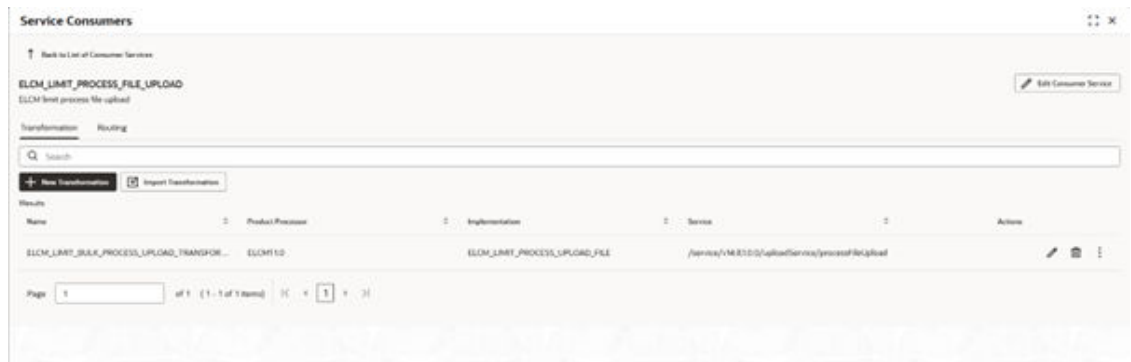


Figure 1-7 Service Consumers for Limit (ELCM_LIMIT_PROCESS_FILE_UPLOAD)



The following four endpoints are required for consumer services to be configured in Oracle Banking Routing Hub:

FCUBS-ELCMRest/ELFileUploadService/fileUpload

The **Consumer Services** for **OBRL** are as displayed below.

- [Collateral Bulk Utilization - Request / Response](#)
This topic describes about the sample request / response for the consumer service **Bulk Utilization upload and processing for collaterals**.

- [Limit Bulk Utilization - Request / Response](#)
This topic describes about the sample request / response for the consumer service **Bulk Utilization file upload and processing for limits**.

1.2.1 Collateral Bulk Utilization - Request / Response

This topic describes about the sample request / response for the consumer service **Bulk Utilization upload and processing for collaterals**.

1. ELCM_BULK_UPLOAD_SERVICE

Request/Response

SERVICE-CONSUMER = "ELCM_OBRL"

SERVICE-CONSUMER-SERVICE=" ELCM_BULK_UPLOAD_SERVICE"

Request

```
{
  "headers": {
    "branchCode": "BK1",
    "userBranch": "B01",
    "appId": " OBELCMCOLLAT",
    "entityId": "DEFAULTENTITY",
    "source": "OBRL",
    "userId": "OBELCMUSER1",
    "entity": "DEFAULTENTITY",
    "Content-Type": "multipart/form-data"
  },
  "body": {
    "file": [
      {
        "fileName": "DECREASEBULKUTIL_08-01-2024113013.txt",
        "file": "file_0",
        "index": 0,
        "type": "FILE"
      }
    ]
  },
  "httpMethod": "POST",
  "url": "http://ofss-
mum-5426.snbonprshared2.gbucdsint02bom.oraclevsn.com:8032/ obelcm-collaterals-
utilization-services/service/v14.8.1.0.0/uploadService/fileUpload"
}
```

Response

```
{
  "headers": {
    "Transfer-Encoding": [
      "chunked"
    ],
    "Access-Control-Allow-Origin": [
      ""
    ]
  },
}
```

```

    "Access-Control-Allow-Credentials": [
      "true"
    ],
    "Access-Control-Allow-Methods": [
      "GET, POST, PUT, DELETE, OPTIONS, HEAD, PATCH"
    ],
    "X-ORACLE-DMS-ECID": [
      "ef209128-a6e3-4797-99db-ff2690b7e251-000024c7"
    ],
    "HttpResponseCode": 201,
    "msgId": [
      ""
    ],
    "X-ORACLE-DMS-RID": [
      "0"
    ],
    "Access-Control-Allow-Headers": [
      ""
    ],
    "Date": [
      "Wed, 18 Mar 2026 11:30:14 GMT"
    ],
    "Content-Type": [
      "application/json"
    ]
  },
  "body": {
    "data": {
      "fileRefNo": 1342,
      "fileName": "DECREASEBULKUTIL_08-01-2024113013.txt",
      "fileUploadDate": 1705363200000,
      "fileStatus": "U",
      "utilsErrorLog": [],
      "keyId": "",
      "keyValue": ""
    },
    "warnings": [],
    "paging": "",
    "errors": [],
    "informations": [
      {
        "informationCode": "GI-PRS-023",
        "informationMessage": "File Uploaded Successfully"
      }
    ]
  },
  "httpMethod": "POST",
  "httpCode": 201,
  "url": "http://ofss-
mum-5426.snbonprshared2.gbucdsint02bom.oraclevcn.com:8032/obelcm-collaterals-
utilization-services/service/v14.8.1.0.0/uploadService/fileUpload"
}

```

2. ELCM_BULK_PROCESS_FILE_UPLOAD_SERVICE

Request/Response

SERVICE-CONSUMER = "ELCM_OBRL"

SERVICE-CONSUMER-SERVICE=" ELCM_BULK_PROCESS_FILE_UPLOAD_SERVICE"

Request

```
{
  "headers": {
    "branchCode": "BK1",
    "appId": " OBELCMCOLLAT",
    "entityId": "DEFAULTENTITY",
    "userId": "OBELCMUSER1",
    "Content-Type": "application/json"
  },
  "body": {},
  "httpMethod": "POST",
  "url": "http://ofss-
mum-5426.snbonprshared2.gbucdsint02bom.oraclevcn.com:8032/ obelcm-collaterals-
utilization-services /service/v14.8.1.0.0/uploadService/processFileUpload"
}
```

Response

```
{
  "headers": {
    "Transfer-Encoding": [
      "chunked"
    ],
    "Access-Control-Allow-Origin": [
      ""
    ],
    "Access-Control-Allow-Credentials": [
      "true"
    ],
    "Access-Control-Allow-Methods": [
      "GET, POST, PUT, DELETE, OPTIONS, HEAD, PATCH"
    ],
    "X-ORACLE-DMS-ECID": [
      "7ffee8a5-1d7f-4e8c-b32d-2e8f81298b69-00001b87"
    ],
    "HttpResponseCode": 201,
    "msgId": [
      ""
    ],
    "X-ORACLE-DMS-RID": [
      "0"
    ],
    "Access-Control-Allow-Headers": [
      ""
    ],
    "Date": [
      "Fri, 20 Mar 2026 10:26:32 GMT"
    ],
  },
}
```

```

        "Content-Type": [
            "application/json"
        ]
    },
    "body": {
        "warnings": [],
        "paging": "",
        "errors": [],
        "informations": []
    },
    "httpMethod": "POST",
    "httpCode": 201,
    "url": "http://ofss-
mum-5426.snbonprshared2.gbucdsint02bom.oraclevcn.com:8032/obelcm-collaterals-
utilization-services/service/v14.8.1.0.0/uploadService/processFileUpload"
}

```

1.2.2 Limit Bulk Utilization - Request / Response

This topic describes about the sample request / response for the consumer service **Bulk Utilization file upload and processing for limits**.

1. ELCM_LIMIT_FILE_UPLOAD :

SERVICE-CONSUMER = "ELCM_OBRL"

SERVICE-CONSUMER-SERVICE="ELCM_LIMIT_FILE_UPLOAD"

Request

```

{
    "headers": {
        "branchCode": "BK1",
        "userBranch": "B01",
        "appId": "OBELCMLIMITUTIL",
        "entityId": "DEFAULTENTITY",
        "source": "OBRL",
        "userId": "OBELCMUSER1",
        "entity": "DEFAULTENTITY",
        "Content-Type": "multipart/form-data"
    },
    "body": {
        "file": [
            {
                "fileName": "DECREASEBULKUTIL_08-01-2024113013.txt",
                "file": "file_0",
                "index": 0,
                "type": "FILE"
            }
        ]
    },
    "httpMethod": "POST",
    "url": "http://ofss-
mum-5426.snbonprshared2.gbucdsint02bom.oraclevcn.com:8027/obelcm-limits-

```

```
utilization-services/service/v14.8.1.0.0/uploadService/fileUpload"
}
```

Response

```
{
  "headers": {
    "Transfer-Encoding": [
      "chunked"
    ],
    "Access-Control-Allow-Origin": [
      ""
    ],
    "Access-Control-Allow-Credentials": [
      "true"
    ],
    "Access-Control-Allow-Methods": [
      "GET, POST, PUT, DELETE, OPTIONS, HEAD, PATCH"
    ],
    "X-ORACLE-DMS-ECID": [
      "ef209128-a6e3-4797-99db-ff2690b7e251-000024c7"
    ],
    "HttpResponseCode": 201,
    "msgId": [
      ""
    ],
    "X-ORACLE-DMS-RID": [
      "0"
    ],
    "Access-Control-Allow-Headers": [
      ""
    ],
    "Date": [
      "Wed, 18 Mar 2026 11:30:14 GMT"
    ],
    "Content-Type": [
      "application/json"
    ]
  },
  "body": {
    "data": {
      "fileRefNo": 1342,
      "fileName": "DECREASEBULKUTIL_08-01-2024113013.txt",
      "fileUploadDate": 1705363200000,
      "fileStatus": "U",
      "utilsErrorLog": [],
      "keyId": "",
      "keyValue": ""
    },
    "warnings": [],
    "paging": "",
    "errors": [],
    "informations": [
      {
        "informationCode": "GI-PRS-023",

```

```

        "informationMessage": "File Uploaded Successfully"
    }
  ]
},
"httpMethod": "POST",
"httpCode": 201,
"url": "http://ofss-
mum-5426.snbomprshared2.gbucdsint02bom.oraclevcn.com:8027/obelcm-limits-
utilization-services/service/v14.8.1.0.0/uploadService/fileUpload"
}

```

2. ELCM_LIMIT_PROCESS_FILE_UPLOAD

SERVICE-CONSUMER = "ELCM_OBRL"

SERVICE-CONSUMER-SERVICE=" ELCM_LIMIT_PROCESS_FILE_UPLOAD"

Request

```

{
  "headers": {
    "branchCode": "BK1",
    "appId": "OBELCMLIMITUTIL",
    "entityId": "DEFAULTENTITY",
    "userId": "OBELCMUSER1",
    "Content-Type": "application/json"
  },
  "body": {},
  "httpMethod": "POST",
  "url": "http://ofss-
mum-5426.snbomprshared2.gbucdsint02bom.oraclevcn.com:8027/obelcm-limits-
utilization-services/service/v14.8.1.0.0/uploadService/processFileUpload"
}

```

Response

2

Oracle Banking Payments Implementation

This topic provides the information about APIs configured using Oracle banking Retail Lending Servicing Cloud Service.

This topic contains the following subtopics:

- [Creditout](#)
This topic provides the information about the credit out service consumers that are added to configure OBPM.
- [Debitout](#)
This topic provides the information about the debitout service consumers that are added to configure OBPM.
- [OBRL - OBPM related Maintenance](#)
This topic provides the information about the OBRL - OBPM related Maintenances.

2.1 Creditout

This topic provides the information about the credit out service consumers that are added to configure OBPM.

Request

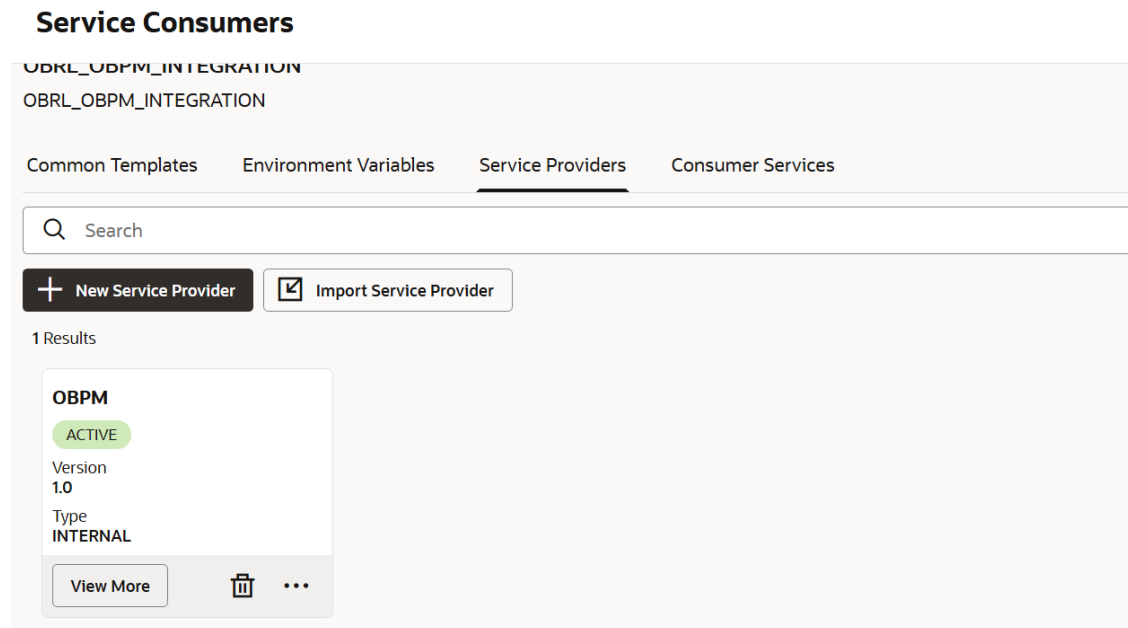
The **Service Consumers** for **OBRL** are as displayed below.

Figure 2-1 Service Consumers

The screenshot displays a web interface titled "Service Consumers". Below the title is a search bar containing the text "OBRL_OBPM_INTEGRATION". There are two buttons: "New Service Consumer" and "Import Service Consumer". Below these buttons, it says "1 Results". A card displays the search result "OBRL_OBPM_INTEGRATION" with a "View More" button and a trash icon. At the bottom, there is a pagination control showing "Page 1 of 1 (1 - 1 of 1 items)" and navigation arrows.

The **ELCM Service Providers** for OBRL are as displayed below:

Figure 2-2 ELCM Service Providers



The following four endpoints are required for consumer services to be configured in Oracle Banking Routing Hub:

OBRL_OBPM_CREDITOUT → obpm-us-service/achnachacreditout

The **Consumer Services** for OBRL are as displayed below:

Figure 2-3 Consumer Services

Service Consumers

↑ Back to List of Service Consumers



OBRL_OBPM_INTEGRATION
OBRL_OBPM_INTEGRATION

Common Templates Environment Variables Service Providers **Consumer Services**

Search

+ New Consumer Service Import Consumer Service

2 Results

<p>OBRLOBPMCREDITOUT OBRLOBPMCREDITOUT</p> <p>View More  ...</p>	<p>OBRLOBPMDEBITOUT OBRLOBPMDEBITOUT</p> <p>View More  ...</p>
--	--

```
{
  "headers" : {
    "branchCode" : "NYC",
    "CHANNEL" : "REST",
    "appId" : "OBPMUS",
    "tenantId" : "ENTITYID1",
    "entityId" : "DEFAULTENTITY",
    "userId" : "SYSTEM",
    "Content-Type" : "application/json"
  },
  "body" : {
    "txnDet" : {
      "txnBranch" : "NYC",
      "hostCode" : "USA",
      "secCode" : "CCD",
      "nachaEntryType" : "ACH Credit",
      "sourceCode" : "OBRL",
      "networkCode" : "USNACHA",
      "sourceRefNo" : "LNPZ03NYC0001933",
      "userRefNo" : "NYCDSBR1349637752926560256",
      "companyId" : "",
      "companyEntryDesc" : "DED",
      "individualIdNo" : "",
      "receivingConsumer" : "",
      "instructionDate" : "2024-10-01",
      "transferCcy" : "USD",
      "transferAmt" : "50",
      "drAcNo" : "10020007",
      "drAcBrn" : "NYC",
      "drAcCcy" : "USD",
      "drBankCode" : "",
      "drName" : "Jon Taylor",
      "transactionCode" : "32",

```

```

        "crAcNo" : "20010008",
        "crName" : "Jon Taylor",
        "crAcBrn" : "NYC",
        "crAcCcy" : "USD",
        "customerNo" : "CUSTNYC00000000000001",
        "crBankCode" : "071000301",
        "zeroDollarEntry" : "",
        "preNotificationEntry" : "",
        "sameDayAch" : "N",
        "prefundedPayments" : "Y",
        "debitFromGl" : "Y"
    }
},
"httpMethod" : "POST",
}

```

Response

```

{
  "headers" : {
    "X-ORACLE-DMS-ECID" : [ "2c2adfe4-9521-4f37-9a05-e111849c029a-0000875d" ],
    "HttpResponseCode" : 200,
    "Content-Length" : [ "262" ],
    "X-ORACLE-DMS-RID" : [ "0" ],
    "Date" : [ "Thu, 13 Mar 2025 06:58:35 GMT" ],
    "Content-Type" : [ "application/json" ]
  },
  "body" : {
    "sourceCode" : "OBRL",
    "MSGSTATUS" : "SUCCESS",
    "resp" : [ {
      "respCode" : "PM-SAVE-002",
      "respDesc" : "Transaction Processed and Authorized ."
    } ],
    "txnRefNo" : "2507202144915000",
    "userRefNo" : "NYCDSBR1349637752926560256",
    "TXNID" : "2507201944915000",
    "sourceRefNo" : "LNPZ03NYC0001933"
  },
  "httpMethod" : "POST",
  "httpCode" : 200,
}

```

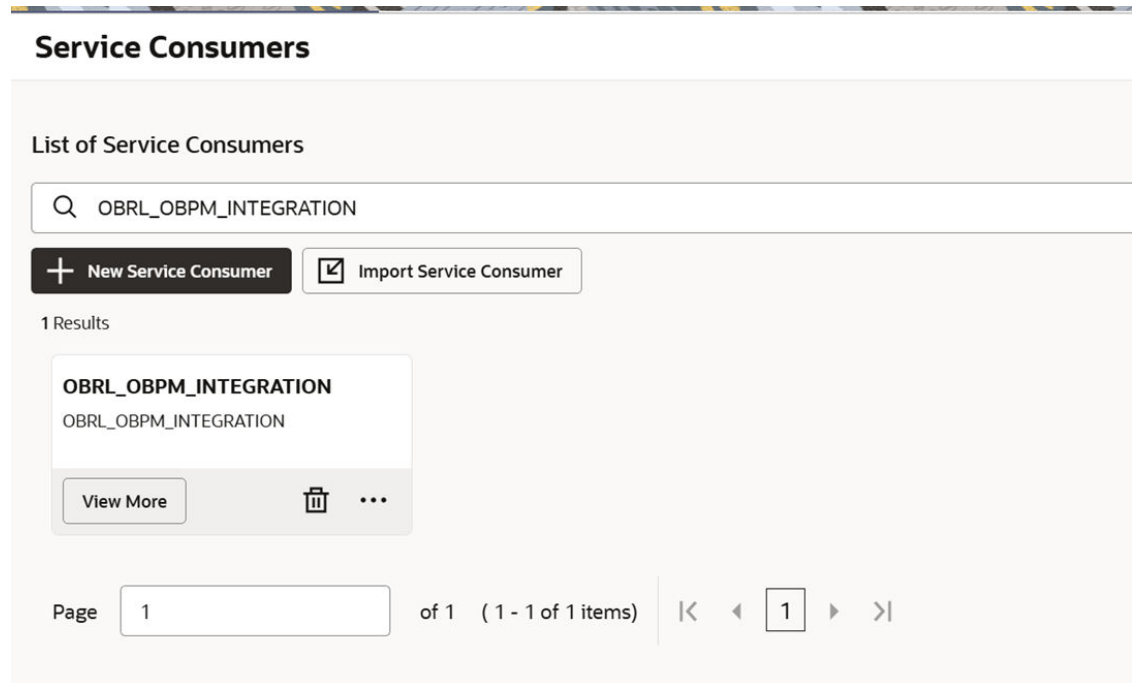
2.2 Debitout

This topic provides the information about the debitout service consumers that are added to configure OBPM.

Request

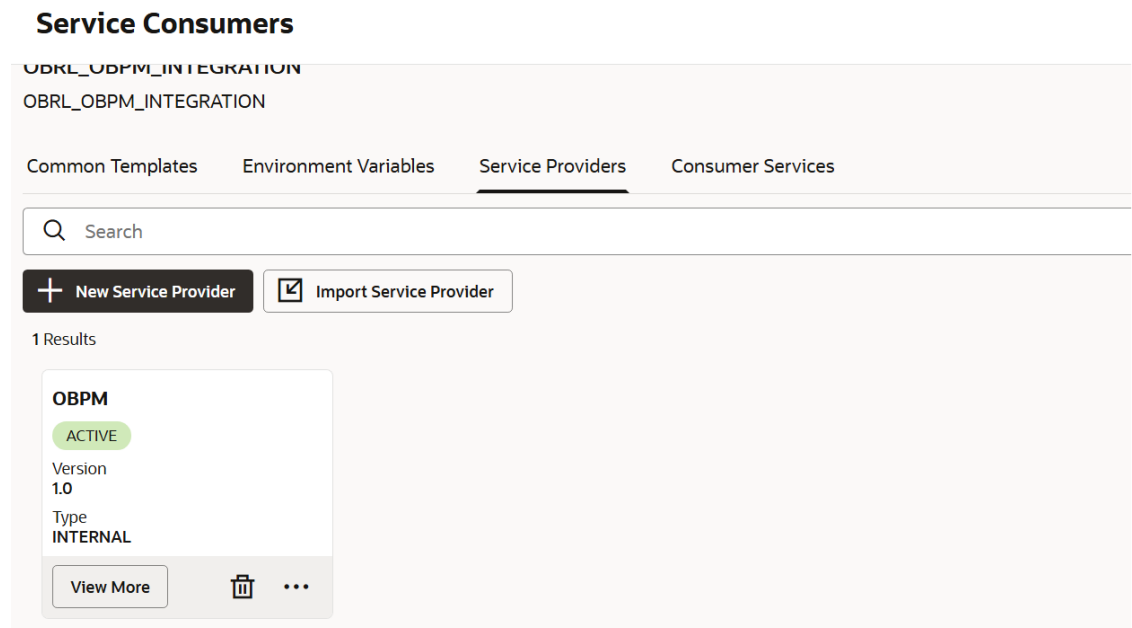
The **Service Consumers** for **OBRL** are as displayed below.

Figure 2-4 Service Consumers



The **ELCM Service Providers** for OBRL are as displayed below:

Figure 2-5 ELCM Service Providers



The following four endpoints are required for consumer services to be configured in Oracle Banking Routing Hub:

OBRL_OBPM_DEBITOUT → obpm-us-service/achnachadebitoutpay

The **Consumer Services** for OBRL are as displayed below:

Figure 2-6 Consumer Services

Service Consumers

↑ Back to List of Service Consumers

OBRL_OBPM_INTEGRATION
OBRL_OBPM_INTEGRATION

Common Templates Environment Variables Service Providers **Consumer Services**

Q Search

+ New Consumer Service Import Consumer Service

2 Results

OBRLOBPM_CREDITOUT OBRLOBPM_CREDITOUT View More ...	OBRLOBPM_DEBITOUT OBRLOBPM_DEBITOUT View More ...
---	---

```
{
  "headers" : {
    "branchCode" : "NYC",
    "CHANNEL" : "REST",
    "appId" : "OBPMUS",
    "tenantId" : "ENTITYID1",
    "entityId" : "DEFAULTENTITY",
    "userId" : "SYSTEM",
    "Content-Type" : "application/json"
  },
  "body" : {
    "header" : {
      "entityId" : "ENTITY_ID1",
      "functionId" : "PNDOTONL",
      "action" : "NEW",
      "moduleId" : "PM",
      "userId" : "KARTHIKA",
      "hostCode" : "USA",
      "source" : "OBRL"
    },
    "txnDet" : {
      "txnBranch" : "NYC",
      "hostCode" : "USA",
      "secCode" : "WEB",
      "nachaEntryType" : "ACH Debit",
      "sourceCode" : "OBRL",
      "networkCode" : "USNACHA",
      "sourceRefNo" : "LNPZ01NYC0001910",
      "userRefNo" : "NYCPMNT1349650450624077824",
      "companyId" : "",
      "individualIdNo" : "LNPZ01NYC0001910",

```

```

    "receivingConsumer" : "Jon Taylor",
    "companyEntryDesc" : "DED",
    "instructionDate" : "2024-10-01",
    "transferCcy" : "USD",
    "transferAmt" : "100",
    "drBankCode" : "071000301",
    "drAcNo" : "22323232",
    "drName" : "Jon Taylor",
    "transactionCode" : "37",
    "crAcNo" : "20010014",
    "crName" : "Jon Taylor",
    "crAcBrn" : "NYC",
    "crAcCcy" : "USD",
    "customerNo" : "CUSTNYC00000000000001",
    "zeroDollarEntry" : "N",
    "preNotificationEntry" : "N",
    "sameDayAch" : "N",
    "creditToGl" : "Y"
  }
},
"httpMethod" : "POST",
}

```

Response

```

{
  "headers" : {
    "X-ORACLE-DMS-ECID" : [ "2c2adfe4-9521-4f37-9a05-e111849c029a-000087b7" ],
    "HttpResponseCode" : 200,
    "Content-Length" : [ "262" ],
    "X-ORACLE-DMS-RID" : [ "0" ],
    "Date" : [ "Thu, 13 Mar 2025 07:49:02 GMT" ],
    "Content-Type" : [ "application/json" ]
  },
  "body" : {
    "sourceCode" : "OBRL",
    "MSGSTATUS" : "SUCCESS",
    "resp" : [ {
      "respCode" : "PM-SAVE-002",
      "respDesc" : "Transaction Processed and Authorized ."
    } ],
    "txnRefNo" : "2507202147942000",
    "userRefNo" : "NYCPMNT1349650450624077824",
    "TXNID" : "2507201947942000",
    "sourceRefNo" : "LNPZ01NYC0001910"
  },
  "httpMethod" : "POST",
  "httpCode" : 200,
}

```

2.3 OBRL - OBPM related Maintenance

This topic provides the information about the OBRL - OBPM related Maintenances.

The below are the integration impacted areas of configuration in OBPM:

Network Code

The **Network Maintenance** screen allows users to maintain clearing network that supports local payments

The Network Code will be captured in Oracle Banking Payments in Screen `PMDNWCOD`.

Figure 2-7 Network Maintenance

Network Code Maintenance

New Copy Delete Close Unlock Reopen Print Authorize Enter Query

Host Code * USA
 Network Code * USNACHA
 Network Type Code * US-ACH

Host Description TD Bank Payments Host for US
 Network Description USNACHA
 Network Type Description

This code has to be mapped in OBRL **Lending Policy Parameter**, refer below screenshot.

Figure 2-8 Lending Policy Definition

Lending Policy definition

Inter System Settlement Preferences

Settlement Mode	System Code	Settlement General Ledger	Directory Key	Action
Insurance Settlement Mode	PREGL	20010015		
Loan Account	OBRL	GL11000002		
Automated Clearing House	OBPM	20010014	USNACHA	
Excess Settlement Mode	PREGL	20010015		
Ledger Account	OBOL			

Source

The **Source Maintenance** screen is used to identify an external system or source from which payments system receives a payment request.

The source can be captured in Oracle Banking Payments in screen `PMDSORCE`. The Source Code OBRL should be maintained in this screen.

Figure 2-9 Source Maintenance

Source Maintenance Detailed

New Copy Close Unlock Print Enter Query

Source Code * OBRL MIS Group
Host Code * USA UDF Group
Description OBRL
Source Type Manual Input

Prefunded Payments
Prefunded Payments Allowed Prefunded Payments GL 000111000
Pricing Applicable Auto-process Claims for Prefunded Payments

Duplicate Check Fields
Duplicate Check Period in Days 0

Accounting & Message Preference
Preferred Reference Transaction Reference

Other Preferences
SSI Handling Not Required PSD Applicable
Validate Debit Authority Notification Required
Incoming SWIFT Allow Back Value Dated Book Transfer

Duplicate Check Fields Response Details Department Details Audit Exit

Source Network Preference

The **Source Network Preferences** screen allows users to maintain Source Network Preferences for capturing preferences at source and network level for each transaction type.

The source **Network Preferences** can be captured in Oracle Banking Payments in screen PMSORNW. The Source Code OBRL should be maintained in this Screen for Incoming and Outgoing.

Figure 2-10 Source Network Preferences

Source Network Preferences Detailed

New Copy Close Unlock Print Enter Query

Host Code * USA Description OBRL
Source Code * OBRL Network Description USNACHA
Network Code * USNACHA Network Type Description
Transaction Type * Incoming

Preferences
Authorization Rekey Required MIS Group
Debtor IBAN Required UDF Group
Requested Execution Date Considered as Instruction Date

Sanctions System
Sanction Check Required

Pricing
External Pricing Applicable

Accounting Preference
Debit Entry on On Activation Date

Pre-validation Preferences
Pre-validation Applicable No
Charge Applicable No

Authorization Limit
Authorization Limit Currency
Authorization 1 Limit
Authorization 2 Limit

Audit Exit

Figure 2-11 Source Network Preferences

Source Network Preferences Detailed

New Copy Close Unlock Print Enter Query

Host Code *	USA	Description	OBRL
Source Code *	OBRL	Network Description	USNACHA
Network Code *	USNACHA	Network Type Description	
Transaction Type *	Outgoing		

Preferences

Authorization Rekey Required	<input type="checkbox"/>	MIS Group	
Debtor IBAN Required	<input type="checkbox"/>	UDF Group	
Requested Execution Date Considered as	Instruction Date		

Sanctions System

Sanction Check Required

Pricing

External Pricing Applicable

Accounting Preference

Debit Entry on On Activation Date

Pre-validation Preferences

Pre-validation Applicable No

Charge Applicable No

Authorization Limit

Authorization Limit Currency

Authorization 1 Limit

Authorization 2 Limit

Audit Exit

US ACH Company ID Preferences

This maintenance (Screen Name PNDCMPID) maintains the mapping between a Company Id of a corporate Originator and one or more of their accounts available in the system that could be used as the debit account or credit account in an outgoing ACH Credit or ACH Debit transaction and to default during transaction.

Figure 2-12 US ACH Company ID Preferences

US-ACH Company ID Preferences

New Close Unlock Enter Query

Host Code *	USA
Network Code *	USNACHA
US ACH Entry Type *	ACH Credit

Preferences

Default Company ID *	810005600
----------------------	-----------

Figure 2-13 US ACH Company ID Preferences

US-ACH Company ID Preferences

New Close Unlock Enter Query

Host Code *	USA
Network Code *	USNACHA <input type="text"/>
US ACH Entry Type *	ACH Debit

Preferences

Default Company ID *	810005600 <input type="text"/>
----------------------	--------------------------------

3

Oracle Banking Accounts Integrations

This topic provides information on integration with Oracle Banking Accounts.

The Endpoints for the Oracle Banking Accounts are describes below:

Table 3-1 Integration Endpoints

Endpoints	Description
obcdda-pp-transaction-balance-service/ob/oba/tbs/v1/transactions/accountings	This end point is being integrated from OBRL to send accounting requests to OBA.
obcdda-pp-transaction-balance-service/ob/oba/tbs/v1/transactions/amountBlocks	This end point is being integrated from OBRL to create the amount blocks on the CASA accounts during payment batch of OBRL

Maintenance

Below Hold code and description needs to be maintained to support lien management of loan against deposit products.

From Home screen, click **Account Configurations**. Under **Account Configurations**, click **Hold Code**, then click **Create**.

Table 3-2 Hold Code- Create

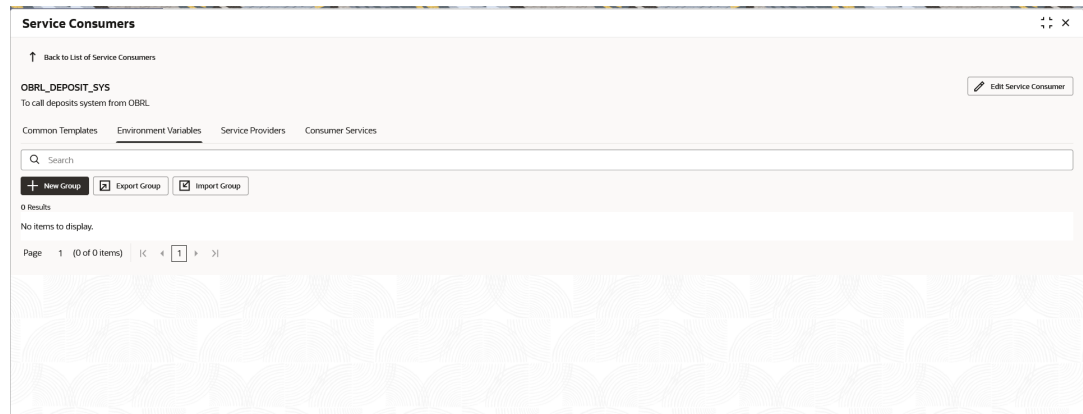
Hold Code	Description
RL	Retail Lending

- [Utilization & De-Utilization Deposits](#)
This topic describes about the service consumer **Utilization & De-utilization** of deposits.

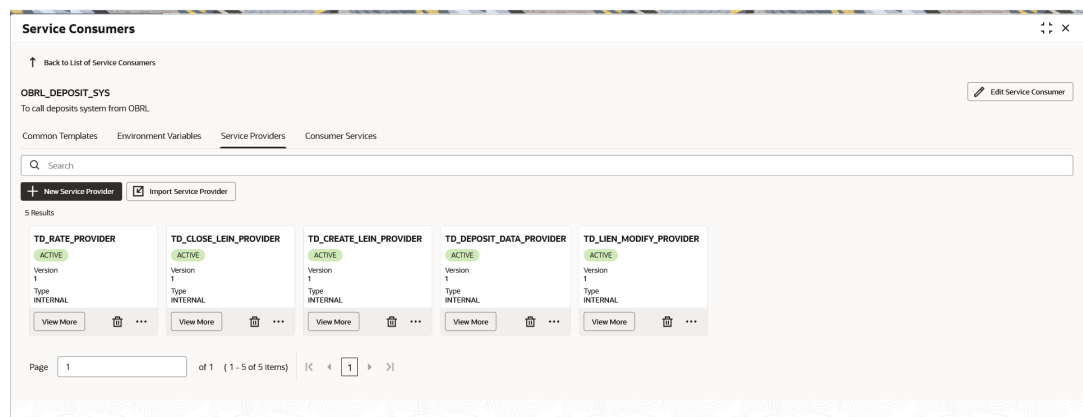
3.1 Utilization & De-Utilization Deposits

This topic describes about the service consumer **Utilization & De-utilization** of deposits.

- **Service Consumers: OBRL_DEPOSIT_SYS**

Figure 3-1 Service Consumers

- **Service Providers**

Figure 3-2 Service Providers

Following are the endpoints used by service providers.

TD_CLOSE_LEIN_PROVIDER: obrdep-txn-pp-online-services/service/v14.8.1.0.0/tdamtblk/closeTDAmTBlk

TD_CREATE_LEIN_PROVIDER: obrdep-txn-pp-online-services/service/v14.8.1.0.0/tdamtblk/createTDAmTBlk

TD_LIEN_MODIFY_PROVIDER: obrdep-txn-pp-online-services/service/v14.8.1.0.0/tdamtblk/modifyTDAmTBlk

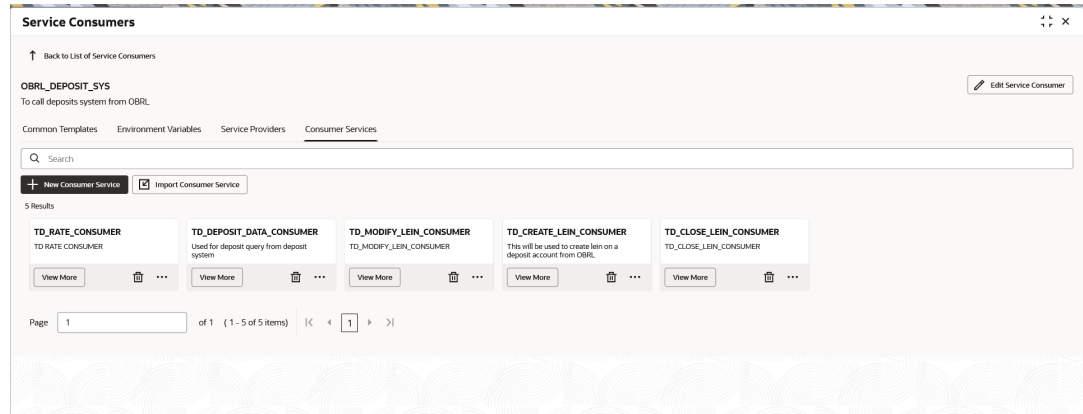
TD_RATE_PROVIDER: obrdep-txn-pp-online-services/service/v14.8.1.0.0/tdSpCond

TD_DEPOSIT_DATA_PROVIDER: obrdep-txn-pp-online-services/service/v14.8.2.0.0/queryResponseService/.search

TD_AMOUNT_BLOCK_DATA_PROVIDER: obrdep-txn-pp-online-services/service/v14.8.1.0.0/tdamtblk/getByld

- **Consumer Services**
The Consumer Services for OBRL are as displayed below:

Figure 3-3 Consumer Services



- 1. **TD_CREATE_LEIN_CONSUMER**

Request/Response

SERVICE-CONSUMER = OBRL_DEPOSIT_SYS
 SERVICE-CONSUMER-SERVICE= TD_CREATE_LEIN_CONSUMER

Request

```
{
  "headers" : {
    "branchcode" : [ "000" ],
    "entityid" : [ "DEFAULTENTITY" ],
    "userid" : [ "YATHIKA" ],
    "appid" : [ "CMNCORE" ],
    "service-consumer" : [ "OBRL_DEPOSIT_SYS" ],
    "service-consumer-service" : [ "TD_CREATE_LEIN_CONSUMER" ]
  },
  "body" : {
    "amountBlockDtoList" : [ {
      "depositAccountNumber" : "R0100005569",
      "depositCurrency" : "USD",
      "remarks" : "Block for loan account :SUD01LAD002938",
      "depositAmount" : "10000",
      "depositBranchCode" : "R01"
    }, {
      "depositAccountNumber" : "R0100005575",
      "depositCurrency" : "USD",
      "remarks" : "Block for loan account :SUD01LAD002938",
      "depositAmount" : "10000",
      "depositBranchCode" : "R01"
    }, {
      "depositAccountNumber" : "R0100005577",
      "depositCurrency" : "USD",
      "remarks" : "Block for loan account :SUD01LAD002938",
      "depositAmount" : "10000",
      "depositBranchCode" : "R01"
    } ]
  }
}
```

Response

```

"body":
{
  "data": {
    "success": "Y",
    "amountBlockRefNo": "AR1458440798950604810",
    "amountBlockDtoList": [
      {
        "depositAccountNumber": "R0100005569",
        "depositCurrency": "USD",
        "depositAmount": "10000",
        "depositBranchCode": "R01",
        "amountBlockNo": "AB1459097392860315649"
      },
      {
        "depositAccountNumber": "R0100005575",
        "depositCurrency": "USD",
        "depositAmount": "10000",
        "depositBranchCode": "R01",
        "amountBlockNo": "AB1459097392860315650"
      },
      {
        "depositAccountNumber": "R0100005577",
        "depositCurrency": "USD",
        "depositAmount": "10000",
        "depositBranchCode": "R01",
        "amountBlockNo": "AB1459097392860315651"
      }
    ],
    "errors": []
  }
}

```

2.TD_CLOSE_LEIN_CONSUMER**Request/Response**

```

SERVICE-CONSUMER = OBRL_DEPOSIT_SYS
SERVICE-CONSUMER-SERVICE= TD_CLOSE_LEIN_CONSUMER

```

Request

```

{
  "headers" : {
    "branchcode" : [ "000" ],
    "entityid" : [ "DEFAULTENTITY" ],
    "userid" : [ "YATHIKA" ],
    "appid" : [ "CMNCORE" ],
    "service-consumer" : [ "OBRL_DEPOSIT_SYS" ],
    "service-consumer-service" : [ "TD_CLOSE_LEIN_CONSUMER" ]
  },
  "body": {
    "amountBlockDtoList": [
      {

```

```

        "amountBlockNo": "AB1459097392860315649"
    }
  ]
}

```

Response

```

"body": {
  "data": {
    "success": "Y",
    "amountBlockRefNo": "AR1458440798950604810",
    "amountBlockDtoList": [
      {
        "depositAccountNumber": "R0100005569",
        "depositCurrency": "USD",
        "depositAmount": "5000",
        "depositBranchCode": "R01",
        "amountBlockNo": "AB1459097392860315649"
      }
    ],
    "errors": []
  }
}

```

3.TD_MODIFY_LEIN_CONSUMER

Request/Response

```

SERVICE-CONSUMER = OBRL_DEPOSIT_SYS
SERVICE-CONSUMER-SERVICE= TD_MODIFY_LEIN_CONSUMER

```

Request

```

{
  "headers" : {
    "branchcode" : [ "000" ],
    "entityid" : [ "DEFAULTENTITY" ],
    "userid" : [ "YATHIKA" ],
    "appid" : [ "CMNCORE" ],
    "service-consumer" : [ "OBRL_DEPOSIT_SYS" ],
    "service-consumer-service" : [ "TD_MODIFY_LEIN_CONSUMER" ]
  },
  "body": {
    "amountBlockDtoList": [
      {
        "amountBlockNo": "AB1459097392860315650",
        "depositAmount": "5000"
      }
    ]
  }
}

```

Response

```

"body": {
  "data": {
    "success": "Y",
    "amountBlockRefNo": "AR1458440798950604810",
    "amountBlockDtoList": [
      {
        "depositAccountNumber": "R0100005575",
        "depositCurrency": "USD",
        "depositAmount": "5000",
        "depositBranchCode": "R01",
        "amountBlockNo": "AB1459097392860315650"
      }
    ],
    "errors": []
  }
}

```

4.TD_DEPOSIT_DATA_CONSUMER**Request/Response**

```

SERVICE-CONSUMER = OBRL_DEPOSIT_SYS
SERVICE-CONSUMER-SERVICE= TD_DEPOSIT_DATA_CONSUMER

```

Request

```

{
  "headers" : {
    "branchcode" : [ "000" ],
    "entityid" : [ "DEFAULTENTITY" ],
    "userid" : [ "YATHIKA" ],
    "appid" : [ "CMNCORE" ],
    "service-consumer" : [ "OBRL_DEPOSIT_SYS" ],
    "service-consumer-service" : [ "TD_DEPOSIT_DATA_CONSUMER" ]
  },
  "body": {
    "depositAccounts": [
      {
        "depositAccountNumber": "R0100005569",
        "depositBranchCode": "R01"
      },
      {
        "depositAccountNumber": "R0100005575",
        "depositBranchCode": "R01"
      },
      {
        "depositAccountNumber": "R0100005577",
        "depositBranchCode": "R01"
      }
    ]
  }
}

```

Response

```

"body": {
  "data": {
    "depositAccountList": [
      {
        "depositAccount": {
          "depositAccountNumber": "R0100005569",
          "depositAccountCurrency": "USD",
          "depositBranchCode": "R01",
          "depositCustomerNumber": "000005373",
          "depositAvlBalance": "10000",
          "depositBlockedAmt": "0",
          "depositMaturityDate":
"2018-12-01T00:00:00.000+00:00"
        },
        "errors": []
      },
      {
        "depositAccount": {
          "depositAccountNumber": "R0100005575",
          "depositAccountCurrency": "USD",
          "depositBranchCode": "R01",
          "depositCustomerNumber": "000005373",
          "depositAvlBalance": "10000",
          "depositBlockedAmt": "0",
          "depositMaturityDate":
"2018-12-01T00:00:00.000+00:00"
        },
        "errors": []
      },
      {
        "depositAccount": {
          "depositAccountNumber": "R0100005577",
          "depositAccountCurrency": "USD",
          "depositBranchCode": "R01",
          "depositCustomerNumber": "000005373",
          "depositAvlBalance": "10000",
          "depositBlockedAmt": "0",
          "depositMaturityDate":
"2018-12-01T00:00:00.000+00:00"
        },
        "errors": []
      }
    ]
  }
}

```

5. TD_AMOUNT_BLOCK_DATA_CONSUMER**Request/Response**

```

SERVICE-CONSUMER = OBRL_DEPOSIT_SYS
SERVICE-CONSUMER-SERVICE= TD_AMOUNT_BLOCK_DATA_CONSUMER

```

Request

```
{
  "headers" : {
    "branchcode" : [ "000" ],
    "entityid" : [ "DEFAULTENTITY" ],
    "userid" : [ "YATHIKA" ],
    "appid" : [ "CMNCORE" ],
    "service-consumer" : [ "OBRL_DEPOSIT_SYS" ],
    "service-consumer-service" : [ "TD_AMOUNT_BLOCK_DATA_CONSUMER" ]
  },
  "body": {
    "amountBlockNumber": "AB1442518924219596801"
  }
}
```

Response

```
"body": {
  "data": {
    "depositAmountBlock": {
      "depositAccountNumber": "R0100005202",
      "amountBlockNumber": "AB1442518924219596801",
      "amountBlockReferenceNumber": "AR1442518924219596800",
      "blockedAmount": "200",
      "blockExpirationDate": null,
      "blockStatus": "O",
      "blockAuthStatus": "A"
    },
    "errors": []
  }
}
```

6.TD_RATE_CONSUMER**Request/Response**

```
SERVICE-CONSUMER = OBRL_DEPOSIT_SYS
SERVICE-CONSUMER-SERVICE= TD_RATE_CONSUMER
```

Request

```
{
  "headers" : {
    "branchcode" : [ "000" ],
    "entityid" : [ "DEFAULTENTITY" ],
    "userid" : [ "YATHIKA" ],
    "appid" : [ "CMNCORE" ],
    "service-consumer" : [ "OBRL_DEPOSIT_SYS" ],
    "service-consumer-service" : [ "TD_RATE_CONSUMER" ]
  },
  "body": {
    "depositAccountNumber": "INS00154353",
    "depositBranch": "INS"
  }
}
```

```
}  
}
```

Response

```
"body": {  
  "data": {  
    "depositDetails": [  
      {  
        "depositAccountNumber": "INS00154353",  
        "depositBranch": "INS",  
        "depositRate": "6.0",  
        "rateEffectiveDate": "2019-01-25T00:00:00.000+00:00"  
      }  
    ]  
  }  
}
```

4

Oracle Banking Collections Integration

This topic provides information on integration with Oracle Banking Collections.

The below batches to be configured (Sequence after OBRL_AHIU):

- Data Transfer1 Core to Integration Domain
- Data Transfer2 Core to Integration Domain
- Data Transfer OBRL to Integration Domain
- Data Transfer3 Integration Domain to Collection System

5

Oracle Banking Operational Ledger Integrations

This topic provides information on integration with Oracle Banking Operational Ledger.

The Endpoints for the Oracle Banking Operational Ledger are describes below:

Table 5-1 Integration Endpoints

Endpoints	Description
OBOL-TRANSACTION-ACCOUNTING-SERVICES/obol-transaction-accounting-services/ob/obol/v1/transactionLogAccounting	This end point is being integrated from OBRL to send accounting requests to OBOL for ledger settlement.

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